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December 15, 1982

DEC 15 1982

Robert J. Ryan, Director
Boston Development Authority
One City Hall Square
Boston, MA 02201
U.S.A.

Dear Mr. Ryan:

Re: 56 Acre Boston Harbor Development Site

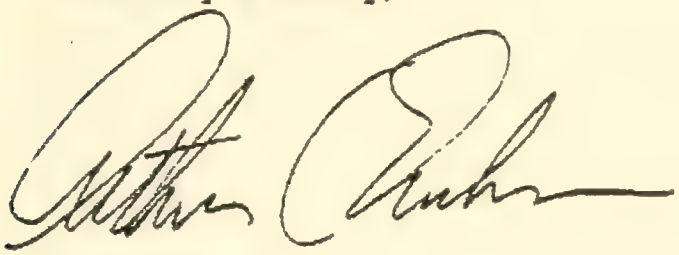
We were very pleased to receive your invitation to prequalify for this project and would like to express our appreciation for your letter and our interest in serving you on this project. In recent years, we have undertaken a number of very comparable urban planning and development projects of equivalent or larger site area and scope, of which several have been for urban waterfronts similar to your 56-acre Boston Harbor development site. We also have extensive experience in assembling and managing large, multidisciplinary teams, such as the one we would assemble for this project.

Due to our late receipt of your invitation (which arrived in our office only this morning), we have had to submit our 254 and 255 forms via telecopier. We apologize for the quality of reproduction of this letter and these forms. Due to the very limited time at our disposal, we have also been unable to include information on the transportation, economic, civil engineering, environmental and economic consultants with whom we would associate on this project. We trust that you will understand the reasons for this omission, and hope that this omission will not adversely affect your evaluation of our prequalification submission.

412 Laurel Street Vancouver British Columbia Canada V5Z 3T2 Telephone (604) 879-0221 Telex 04-508833

In closing, I would like to reconfirm our interest in undertaking the preparation of a Master Plan and Development Plan for this challenging project, and to thank you again for your invitation. We hope that we will be among the firms to be interviewed, prior to your final consultant selection, and we look forward to meeting with you, during the coming weeks.

Yours very sincerely,



Arthur Erickson

255
itect-Engineer
ted Services
pecific
ect

56-acre Boston Harbour Development Site,
Boston Redevelopment Authority.

Date, if any:

Number, if

irm (or Joint-Venture) Name & Address

rthur Erickson Architects
112 Laurel Street
ancouver, B.C.

3a. Name, Title & Telephone Number of Principal to Contact

Rainer Fassler, Associate 604 - 879 - 0221

3b. Address of office to perform work, if different from item 3

ersonnel by Discipline:

Administrative	___ Electrical Engineers	___ Oceanographers	
Architects	1 Estimators	___ Planners: Urban/Regional	
Chemical Engineers	___ Geologists	___ Sanitary Engineers	
Civil Engineers	___ Hydrologists	___ Soils Engineers	
Construction Inspectors	1 Interior Designers	2 Specification Writers	
Draftsmen	___ Landscape Architects	___ Structural Engineers	
Ecologists	___ Mechanical Engineers	___ Surveyors	
Economists	___ Mining Engineers	___ Transportation Engineers	50 Total Personnel

ubmittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm:
h SF 254 for each if not on file with Procuring Office.)

s this Joint-Venture previously worked together? ☐ yes ☐ no

ne & Title: l Berthon, Senior Architect	e. ne & Title: Douglas Muir, Senior Architect
ject Assignment: ior Architect	b. Project Assignment: Project Designer. Senior Urban Designer
ne of Firm with which associated: HUR ERICKSON ARCHITECTS	c. Name of Firm with which associated: ARTHUR ERICKSON ARCHITECTS
s experience: With This Firm 4 With Other Firms 7	d. Years experience: With This Firm 2 With Other Firms 5
cation: Degree(s) / Year / Specialization .. Arch. (Hons.) 1971	e. Education: Degree(s) / Years / Specialization B. Arch. 1975
ve Registration: Year First Registered/Discipline ., 1971	f. Active Registration: Year First Registered/Discipline
r Experience and Qualifications relevant to the osed project: Berthon joined Arthur Erickson Architects in early , to become a member of the design team for the rnment of Canada Office Building in Vancouver. Sub-ently, he has been Project Architect for the Pender ds Office Building project in Vancouver, the Mall nsion project and the University Village which uded 1250 residential units at Simon Fraser Univer-. He was responsible for the Waterfront Centre ect in Vancouver, which included 850,000 sq.ft. com-ial office space, and is currently leading the design on a 3 million sq.ft. office development in Vancouver block away from the waterfront. the projects in which he was involved while pract-in the United Kingdom are the Willis Faber & Dumas rance Company Headquarters in Ipswich; the Centre dou in Paris; the New Houses of Parliament in London; urrell Collection Art Gallery in Glasgow; & the Cent-	g. Other Experience and Qualifications relevant to the proposed project: Mr. Muir joined Arthur Erickson Architects in 1980, as a Design Architect for the Community Mosque, Al Kharj, in Saudi Arabia. Subsequently, with the Vancouver office of Arthur Erickson Architects, he was Senior Architect on the Master Planning and Urban Design team for the Abu Nuwas Conservation/Development Project in Baghdad. Currently, he is Senior Architect on the Science Halls project for the Saudi Arabian National Centre for Science and Technology in Riyadh. Prior to joining Arthur Erickson Architects, Mr. Muir was employed at Bregman and Hamann Architects, Toronto, involved in commercial office design; new facilities for the Toronto Stock Exchange; Sun Life Insurance Head Office Competition; Marathon Realty Head Office Competition. Prior experience included extensive programming and design of major commercial office and hotel developments, recreational facilities and residential complexes.

Name & Title:

Alan Bell, Associate

Project Assignment:

Urban Design Director

Name of Firm with which associated:

ARTHUR ERICKSON ARCHITECTS

Years experience: With This Firm 11 With Other Firms 3

Education: Degree(s) / Year / Specialization

B.A. (Hons) University of British Columbia 1965
B.Arch. (Hons) University of British Columbia, 1968
M. Arch. University of California, Berkeley, 1972

Active Registration: Year First Registered/Discipline

Provisional Member, Planning Institute of B.C.
Member, Urban Design Institute

Other Experience and Qualifications relevant to the proposed project:

Mr. Bell joined Arthur Erickson Architects in 1972, and became an Associate in 1979. He was leader of a team consulting to the Provincial Government on a broad range of urban design, planning and transportation studies in downtown Vancouver, from 1972-1975. Since 1976 he has been Project Planner, Project Director or Associate-in-charge for a 60-acre urban housing project in Kuwait; the new Ministry of Foreign Affairs Headquarters in Riyadh, Saudi Arabia; a new town centre to serve a 500,000 regional population in Kuwait; a 90-acre urban housing development in Victoria; the Marathon Waterfront Centre in Vancouver; a 250 acre development including hotel and low-density housing on the Southern California coast; a 2-mile stretch of urban riverfront in downtown Baghdad, Iraq; and a 300-acre urban redevelopment in downtown Vancouver.

a. Name & Title:

Jonathan Barrett, Senior Urban Designer

b. Project Assignment:

Project Urban Designer

c. Name of Firm with which associated:

ARTHUR ERICKSON ARCHITECTS

d. Years experience: With This Firm 2 With Other Firms 10

e. Education: Degree(s) / Years / Specialization

Int. Dipl. 1967
Dipl. Arch. 1970
M.A.U.D. 1979

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Barrett joined Arthur Erickson Architects in 1981, Project Urban Design Architect for the Abu Nuwas Conservation Project in Baghdad, which encompassed 500 acres of central Baghdad and 2 miles of the Tigris riverfront Currently, he is Project Urban Designer for the Overall Development Framework study for B.C. Place, a 300 acre urban redevelopment on the edge of downtown Vancouver. Prior to joining Arthur Erickson Architects, Mr. Barret was with the architectural-engineering firm of Sverdrup and Parcel, where he was engaged in the programming and concept preliminary design of such important projects as the Commerce Street Downtown Redevelopment Area in Nashville; Fort Leonard Wood Expansion Master Plan; Northland Industrial Park and Pensacola Civic Arena. He worked with several major firms in London and during that time, was involved with the World Trade Centre Mas Plan that was located in an historic area of industrial warehousing beside the Tower of London.

Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
RITISH COLUMBIA PLACE ANCOUVER, B.C. CANADA	OVERALL DEVELOPMENT FRAMEWORK PLAN for Government & Pub. Facil	B.C. PLACE 650 West Georgia Vancouver, B.C.	2000	2.6 billion	Total
BU NUWAS CONSERVATION/ EVELOPMENT PROJECT AGHDAD, IRAQ	OVERALL DEVELOPMENT PLAN	Amanat Al Assima (Municipality of Baghdad, Baghdad, Iraq)	2000	7 billion	Total
NGHEES DEVELOPMENT THEME, CTORIA, B.C. CANADA	CONCEPTUAL MASTER PLAN	Province of B.C., Ministry of Lands, Parks & Housing Victoria, B.C. Canada	1981		
VINE COASTAL DEVELOPMENT ANGE COUNTY, CALIFORNIA	CONCEPTUAL MASTER PLAN	The Irvine Company Newport Beach, California	1980		
LIFORNIA CENTRE S ANGELES, CALIFORNIA	PLANNING, URBAN DESIGN ARCH. DESIGN	L.A. Community Redevelopment Agency	1990	1 billion	Total
VTAS TOWN CENTRE WAIT CITY, KUWAIT	PLANNING, URBAN DESIGN ARCHITECTURAL DESIGN	Municipality of Kuwait	1984	1.2 billion	Total
ADINA QUAY RONTO, ONTARIO CANADA	URBAN DESIGN, ARCHITECTURAL DESIGN	Harbourfront Development Corp. Toronto, Ontario, Canada	1983	60 million	Total
RFAX COUNTY CENTRE RFAX, VIRGINIA	SITE PLANNING, ARCHITECTURAL DESIGN	Fairfax County, Virginia	1990	39 million	Total
BOR STEPS TTLE, WASHINGTON	PLANNING, URBAN DESIGN ARCHITECTURAL DESIGN	Harbor Properties Inc.	1984	70 million	Total
TORIA INNER HARBOUR STUDY TORIA, B.C. CANADA	PLANNING AND URBAN DESIGN	City of Victoria Victoria, B.C. Canada	1973		

9. All work by [redacted] or Joint Venture members currently being performed directly for [redacted]eral agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible

a Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

In recent years, we have undertaken a number of very comparable urban planning and development projects of equivalent or larger site area and scope, of which several have been for urban waterfronts similar to your 56-acre Boston Harbor development site. We also have extensive experience in assembling and managing large, multi-disciplinary teams, such as the one we would assemble for this project.

Due to our late receipt of your invitation (which arrived in our office only this morning), we have had to submit our 254 and 255 forms via telecopier. Due to the very limited time at our disposal, we have also been unable to include information on the transportation, economic, civil engineering, environmental and economic consultants with whom we would associate on this project. This information will be submitted to the Boston Redevelopment Authority during the next few days, to supplement the information on our own firm, Arthur Erickson Architects.

he foregoing is a statement of facts.

Date:

Bergmeyer

Architecture and Planning

Bergmeyer Associates, Inc.
118 South Street
Boston, Massachusetts 02111
617 542 1025

Moritz O. Bergmeyer
Ilkka T. Suvanto
Vladimir Janovsky
William A. Yuhas

December 15, 1982

Robert J. Ryan, Director
Boston Redevelopment Authority
One City Hall Square
Boston, MA 02201

DEC 15 1982

RE: RFQ
East Boston Harborside Project

Dear Mr. Ryan:

We are pleased to submit our qualifications and the qualifications of our consultants for the above referenced project. Our approach to the East Boston Harborside project was to assemble consultants with specific design and engineering skills to respond to the following project requirements:

1. Experience in the planning of complex waterfront site development projects;

2. Experience in economic and market planning involving both private business as well as public interests such as tax revenues, employment and complex land use issues;

3. Experience and knowledge in architectural design and engineering of waterfront and marine related projects; and,

4. Ability to work closely with both private and public interest groups in a community participation process.

All consultants were chosen for their ability to address the technical requirements of the project and also because of past shared working experience. Bergmeyer Associates, Inc., (BAI), shall be the prime consultant, responsible for all coordination and design as well as all agency and community working relationships. William A. Yuhas of BAI, will be the Project Manager with full responsiblity for the day-to-day implementation of the project. Other consultants include the following:

BSC Engineering: Transportation Planning and Site Engineering

Karl B. Radov: Economic, Market Feasibility

Childs Engineering Corporation: Waterfront Engineering

Goldberg-Zoino Associates: Geotechnical Engineering

J.D. Koppernaes Engineering, Ltd.: Fisheries Planning

Qualifications and experience of individual consultants are shown on the attached Form 255 and 254 with the exception of Koppernaes Engineering, whose experience is detailed in their attached brochure. It should be noted (see Bergmeyer brochure) that Bergmeyer Associates, Inc., Childs Engineering Corp., Goldberg-Zoino Associates and Koppernaes Engineering maintain a formal working relationship specifically directed to waterfront related design and engineering projects. Also, while we have assembled here our core team, we are able to provide additional experience in specialized areas such as waterfront construction, historic research and museum planning, and reparation of retailing plans, should the project needs so dictate.

Regarding technical skills and experience that realte to this project we outline the following:

1. Bergmeyer Associates and staff have completed a variety of waterfront development projects, including residential, commercial, open space, marinas and fisheries.

2. William A. Yuhas, has had experience managing complex water-front projects; most recently the feasibility study and Phase I construction of the Boston Fish Pier, and also the Development Plan for the Newburyport, MA., Waterfront.

3. Bergmeyer Associates, Inc., was responsible for reuse design of Union Wharf in Boston and, Bannister's Wharf in Newport, Rhode Island, both requiring innovative reuse of existing structures and design of new buildings in established historic settings.

4. Karl Radov has specialized in public-private economic consulting and was most recently responsible for economic, demographic, marketing and development consulting for the Newburyport Waterfront Development Plan.

5. BSC Engineering brings exensive transportation planning experience and has on staff planners who have worked on or are familiar with most of Boston's transportation systems that will interface with the project site.

6. Johan D. Koppernaes is unique in that he has first hand experience in all phases of fisheries and particular knowledge of planning and development feasibility which can be applied in the Boston Harbor context.

7. Childs Engineering has completed many waterfront projects and developed various types of fendering systems for special circumstances using a combination of commercial types and their designs. This practical experience combined with Goldberg-Zoino's waterfront geotechnical expertise will be invaluable to the creative and cost efficient design of a development plan.

It is with this combined experience that we are prepared to complete the master planning and development planning phases of the East Boston Harborside Project. We would be pleased to respond to your questions and submit a formal proposal.

Thank you for your consideration.

Very truly yours,

William A. Yuhas

William A. Yuhas
Associate

enclosures:

WAY:rcw

STANDARD FORM (SF) **255**
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

EAST BOSTON HARBORSIDE PROJECT

East Boston, MA

2a. ***Commerce Business Daily*** Announcement Date, if any:

NA

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Bergmeyer Associates, Inc.
118 South Street
Boston, MA 02111

3a. Name, Title & Telephone Number of Principal to Contact

William A. Yuhas, Associate
617/542-1025

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

2 Administrative	___ Electrical Engineers	___ Oceanographers	___
7 Architects (4 registered)	___ Estimators	1 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
1 Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
2 Draftsmen	___ Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	12 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

NA

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) BSC Engineering 647 Summer Street Boston, MA 02201	Transportation Planning and Site Engineering	Yes
2) Karl B. Radov Economic Consultant 95 Mason Terrace Brookline, MA 02146	Economic, Market Feasibility	Yes
3) Childs Engineering Corporation Box 333 Medfield, MA 02052	Waterfront Engineering including Evaluation and planning for piers, seawalls and marinas	Yes
4) Goldberg Zoino Associates 30 Tower Road Newton Upper Falls, MA 02164	Geotechnical-Geohydrological Engineering	Yes
5) J.D. Koppernaes Engineering Ltd. 1248 Bedford Highway Bedford, Nova Scotia	Fisheries Planning and Engineering including Resource studies, Economics and development	Yes
6)		
7)		
8)		

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for Project

a. Name & Title:
Moritz O. Bergmeyer, President

b. Project Assignment:
Principal - in - Charge

c. Name of Firm with which associated:
Bergmeyer Associates, Inc.

d. Years experience: With This Firm 9 With Other Firms 7

e. Education: Degree(s) / Year / Specialization
BS, Civil Eng., Univ. of Notre Dame, 1960
B. Arch., Mass. Institute of Technology, 1966
S.M., Civil Engineering, M.I.T., 1966

f. Active Registration: Year First Registered/Discipline
1971, Architecture, MA, NH, NJ, NY, RI
Civil Eng., MA

g. Other Experience and Qualifications relevant to the proposed project:

Responsible for administration, major design and programming of all major waterfront projects at Bergmeyer Assoc., Inc.

Licensed builder in Boston with experience in construction and development including projects in waterfront districts.

Professional memberships: AIA; National Trust for Historic Preservation.

Served on Boston Waterfront Restudy Committee and the local Advisory Council to Mayor of Boston for Planning the Boston Waterfront

a. Name & Title:
William A. Yuhas, Associate

b. Project Assignment:
Project Management and Coordination, also Responsible for Physical Planning and Design

c. Name of Firm with which associated:
Bergmeyer Associates, Inc.

d. Years experience: With This Firm 1.6 With Other Firms 14

e. Education: Degree(s) / Years / Specialization
A.S., Engineering, Penn. State University, 1962
B. Arch., University of Detroit, 1968

f. Active Registration: Year First Registered/Discipline
1972, Architecture, MA

g. Other Experience and Qualifications relevant to the proposed project:

Project Manager, Newburyport (MA) Waterfront Development Plan.

Project Manager, Feasibility Study, Phase I Design and Construction, Rehabilitation of the Boston Fish Pier.

Project Manager, Feasibility Study for the Chatham (MA) Fish Pier.

Project Architect, Boston Redevelopment Authority, Restudy of Boston Waterfront.

Project Manager, Head of the Harbor Project
Gloucester, MA

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Vladimir Janovsky, Associate	a. Name & Title:
b. Project Assignment: Master Planning and Design	b. Project Assignment:
c. Name of Firm with which associated: Bergmeyer Associates, Inc.	c. Name of Firm with which associated:
d. Years experience: With This Firm 4 With Other Firms 13	d. Years experience: With This Firm ___ With Other Firms ___
e. Education: Degree(s) / Year / Specialization A/E Diploma, Czech. Institute of Technology, 1966 M. Arch., Harvard Graduate School of Design, 1970	e. Education: Degree(s) / Years / Specialization
f. Active Registration: Year First Registered/Discipline 1972 Architecture, MA	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Planning Office of Prague, recreational planning and design, planning for restoration of historical buildings. Project Architect - Planning office of Harvard University medical area, 1973-78. Planning, programming and renovation experience. Multi-family housing project on Roosevelt Island, NY 1978 - Project Architect - Projects on the Boston Waterfront, Office Park Buildings	g. Other Experience and Qualifications relevant to the proposed project:

a. Name & Title: Charles A. Kalauskas, P.E. Transportation Engineer	a. Name & Title: Kenneth Teebagy, P.E. Civil Engineer
b. Project Assignment: Transportation Planner/Engineer	b. Project Assignment: Site Design Engineer
c. Name of Firm with which associated: BSC Engineering	c. Name of Firm with which associated: BSC Engineering
d. Years experience: With This Firm 2 With Other Firms 9	d. Years experience: With This Firm 2 With Other Firms 7
e. Education: Degree(s) / Year / Specialization Master of City Planning/1974/Transportation Planning Bachelor of Science/1969/Civil Engieering	e. Education: Degree(s) / Years / Specialization Master of Science/1978/Engineering Management Bachelor of Science/1974/Civil Engineering
f. Active Registration: Year First Registered/Discipline 1981/Civil Engineer, Massachusetts	f. Active Registration: Year First Registered/Discipline 1979/Civil Engineer, Massachusetts
g. Other Experience and Qualifications relevant to the proposed project: Mr. Kalauskas is an experienced transportation planner with a background in public transportation as well as highway design and traffic engineering. Mr. Kalauskas has worked with officials from the City of Boston and Massport on many projects in the past and is skilled at making public presentations to community groups. Mr. Kalauskas has been the project manager for a number of complex traffic impact studies and is currently the project manager for the BSC Engineering portion of the Boston Harbor Islands Master Plan Update.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Teebagy has extensive experience in design engineering for sites of varying sizes in urban and rural areas. He has been a project manager for a number of challenging engineering planning projects in which the constraints to potential site development have been the infrastructure (sewer, drainage, gas lines) in the area of the site. He is adept at working with community groups and the planning and engineering staffs of municipalities. For Massport, Mr. Teebagy was involved in the design of oil-water separators and drainage from Bird Island Flats discharging into Boston Harbor.

Brief Resume of Persons, Specialists, and Individual Consultants Anticipated for the Project

Name & Title: Karl B. Radov Economic Consultant	a. Name & Title:
Project Assignment: Economic, Market, Feasibility Studies for each project component. Pro-forma operating statements and fiscal (tax and lieu revenue) impact analysis.	b. Project Assignment:
Name of Firm with which associated: Karl B. Radov	c. Name of Firm with which associated:
Years experience: With This Firm 8 With Other Firms 18	d. Years experience: With This Firm ___ With Other Firms ___
Education: Degree(s) / Year / Specialization AB/1959/Economics ABD-1964/Urban Economics	e. Education: Degree(s) / Years / Specialization
Active Registration: Year First Registered/Discipline NA	f. Active Registration: Year First Registered/Discipline
Other Experience and Qualifications relevant to the proposed project: . Radov has been most recently responsible for a market finition and analysis for the retail component of the nbridge Center development, a 2 million sq. ft. mixed-use oject in Cambridge, MA and a survey analysis of the fice market in Revere, MA. He has conducted market and nancial feasibility studies of housing, retail and office ace, hotels, and marinas for the Newburyport downtown terfront development project, a $67 million plan, and rket analyses and impact studies for retail revitalization downtown Pittsfield, MA, Coolidge Corner in Brookline, and for the central business district of New Rochelle As part of a long termplanning and reorganization study Providence, RI, he was responsible for preparing detailed t estimates and fiscal impact studies. Mr. Radov regularly nates professional time to community groups such as the umbia Point Tenants Task Force and Mission Hill Neighhood Housing Services to work on planning and development blems, and is a member of the faculty of the Boston	g. Other Experience and Qualifications relevant to the proposed project:

Name & Title:

KENNETH M. CHILDS, JR./PRESIDENT

Project Assignment:

PRINCIPAL-IN-CHARGE

Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

Years experience: With This Firm 12 With Other Firms 14

Education: Degree(s) / Year / Specialization

Massachusetts Institute of Technology
Bachelor of Science in Civil Engineering, 1952
Structural

Active Registration: Year First Registered/Discipline

1959, Massachusetts, Civil/Structural;
New Hampshire; Newfoundland, New Brunswick,
Canada

Other Experience and Qualifications relevant to the proposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E., A.W.P.A., C.S.I., A.C.I., A.A.P.A.
Publications: "Experiences as a Resident Engineer in Nieuport, Belgium", Boston Society of Civil Engineers "The future of Dry Docks in Eastern Canada", Canadian Maritime Section, SNAME
Moderator of a panel discussion on "Marine Salvage", New England Section, SNAME
Marine diver since 1958.
Qualified Marine Railway and Floating Dry Dock Operator

a. Name & Title:

BRUCE O. TOBIASSON/VICE PRESIDENT

b. Project Assignment:

PRINCIPAL ENGINEER

c. Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

d. Years experience: With This Firm 5 With Other Firms 10

e. Education: Degree(s) / Years / Specialization

Northeastern University
Bachelor of Science in Civil Engineering, 1967,
Structural

f. Active Registration: Year First Registered/Discipline

1973, Massachusetts, Civil/Structural;
Connecticut; Georgia; New York; Maine

g. Other Experience and Qualifications relevant to the proposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E., M.T.S., A.B.Y.C., A.S.T.M.
Publications: "An Introduction to Dry Docking Principles and Techniques"
"Principles and Practices required for the Safe Dry Docking of Ships"
"Pilings and Fixed Piers"
"An Unusual Ship Launching"
"A Riverboat Gets a New Life"
"Georgetown Dry Dock Sails for Cameroons"

Certified Marine Diver.
Guest lecturer on waterfront engineering topics for Northeastern University, The New England Marine Advisory Service, Sea Grant Program, Medfield Public Schools.

a. Name & Title:	a. Name & Title:
Donald T. Goldberg, Principal	Mathew J. Barvenik
b. Project Assignment:	**b. Project Assignment:**
Principal Geotechnical Consultant in Charge	Project Geotechnical Engineer
c. Name of Firm with which associated:	**c. Name of Firm with which associated:**
Goldberg-Zoino & Associates, Inc.	Goldberg-Zoino & Associates, Inc.
d. Years experience: With This Firm 18 **With Other Firms** 10	**d. Years experience: With This Firm** 6 **With Other Firms** 1
e. Education: Degree(s) / Year / Specialization	**e. Education: Degree(s) / Years / Specialization**
B.S. in Civil Engineering/1954 M.S. in Civil Engineering/1957	B.S. in Civil Engineering/1974 S.M. in Civil Engineering/1976
f. Active Registration: Year First Registered/Discipline	**f. Active Registration: Year First Registered/Discipline**
Massachusetts, New York, Connecticut, Maine, Rhode Island, Illinois, and Maryland	Massachusetts, Engineer-in-Training
g. Other Experience and Qualifications relevant to the proposed project:	**g. Other Experience and Qualifications relevant to the proposed project:**
Mr. Goldberg has been an engineer for 28 years, and has been principal-in-charge of over 1200 varied soil engineering and geotechnical projects. He is currently the principal-in-charge of the investigation and evaluation of existing wood pile foundations and quay walls, Boston Fish Pier, Boston, Massachusetts. Principal-in-charge of evaluating the geotechnical aspects of a significant increase of load on existing pile foundations and predicting the possible future settlement and lateral movement of Commonwealth Pier Renovation project, Boston. Principal-in-charge of evaluation of wood piles at sixteen piers to sustain up to 30 percent load increase. Piles rest on thin layers over 200 ft. of soft clay. Harvard Bridge, Boston-Cambridge, MA.	Mr. Barvenik has over 7 years of professional experience as a geotechnical engineer. He has been with GZA since 1976, and has assumed project manager responsibilities on numerous major projects. He was project manager on the Boston Fish Pier project in Boston, MA. The work included the settlement and stability analyses for the rehabilitation of two 70-year-old quay wall/pile supported historic pier structures. He was involved in evaluating the existing pile foundations for widening of a 90-year-old bridge, Harvard Bridge, Boston-Cambridge, MA. He supervised the field explorations and investigations for the Portsmouth Naval Yard quay wall stability project.

7. Brief Resum[illegible] Key Persons, Specialists, and Individual Consultants Anticipated f[illegible]is Project

a. Name & Title: Johan D. Koppernaes	a. Name & Title:
b. Project Assignment: Fisheries Engineer, Planning, Economics, Development	b. Project Assignment:
c. Name of Firm with which associated: J.D. Koppernaes Engineering, Ltd.	c. Name of Firm with which associated:
d. Years experience: With This Firm 22 With Other Firms 22	d. Years experience: With This Firm ___ With Other Firms ___
e. Education: Degree(s) / Year / Specialization M.S., Mechnical Engineering, M.I.T.	e. Education: Degree(s) / Years / Specialization
f. Active Registration: Year First Registered/Discipline P.E., Marine, Natural-USA, Nova Scotia, Norway	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Work includes resource, economic feasibility, manpower training, marketing, operational research and production consulting in the fisheries industry. He has also designed processing plants, equipment, freezing and cold storage plants and boiler plants. He was responsible for Special Studies, Fisheries Engineering for Phase I of the Boston Fish Pier Rehabilitation. Also provided fisheries planning consulting for Newburyport Waterfront Plan and Chatham Fish Pier Feasibility Study.	g. Other Experience and Qualifications relevant to the proposed project:

Projects to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
1) Union Wharf Boston, MA (Bergmeyer Assoc., Inc.)	Architectural services for restor. and new constr.-residential and office condominiums	Union Wharf Develop. Assoc. James Craig 54 Lewis Wharf	1979	4,500	4,500
2) Fort Point Channel Planning Study Boston, MA (Bergmeyer Assoc., Inc.)	Prepare planning, land use and development alt. to improve economic abil- ity to land owners and city	Multiple Ownership - Commissioned by neighborhood and organization	1980	N/A	All planning & design
3) Bannisters Wharf Newport, RI (Bergmeyer Assoc., Inc.)	Architectural services for new constr. & rehab of waterfront comm. and marine property	Robert Freeman Marathon Group 321 S. Main Street Providence, RI 02903	1978	450	450
4) President Roads Marina Reserved Channel Boston, MA (BSC Engineering)	Site Planning Environmental Review Traffic Engineering Citizen Participation	William Vrettas Reserved Channel Marina, Inc. 445 Summer Street Boston, MA 02110	1984	2,500	20 (Design Fee)
5) U.S.S. Constitution Park Charlestown, MA (BSC Engineering)	Mapping Site Planning	National Park Service 15 State Street Boston, MA 02109	1980	N/A	48 (Design Fee)
6) Newburyport Downtown-Waterfront Development Plan Newburyport, MA (Karl Radov)	Market & Feasibility Analyses for each comp. tax revenue and employ. impact analy. Design ass. to architect	City of Newburport, MA	4/1981	100	15
7) Cambridge Center Retail Plan Kendall Sq., Camb., MA (Karl Radov)	Overall study organiz. Market Definition and Scope Analysis	Cambridge Redevelopment Authority	1/1983	10	5
8) Hoosac Pier Charlestown, MA (Childs Engineering Corp.)	Above & below water condition survey at 1800'+ sheet pile pier	Massachusetts Port Authority Boston, MA	1980	unknown at this time	
9) Bird Island Flats East Boston, MA	Geotechnical engineering for site development	Massachusetts Port Authority Boston, MA	1981	130 Million	20,000
10) Boston Fish Pier Feasibility South Boston, MA (J.D. Koppernaes Eng., Ltd)	Fisheries Economic evaluating & projection Fisheries planning & design	Massachusetts Port Authority 99 High Street	1976-78	12,000-15,000	All Fisheries Engineering

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (in thousands)	
				Entire Project	Work for which firm is responsible
estoration of Pier 2 harlestown Navy Yard harlestown, Mass.	Engineering inspection and repair design	Department of the Interior National Park Service Denver, Colorado	90%	1,500	1,500
nderwater facility ssessments at various ocations.	Inspections, assessments, recommendations, various Naval facilities.	FPO-1 Chesapeake Div. NAVFAC Washington Navy Yard Washington, D.C.	task oriented	N/A	N/A

Project Implementation: The ability of Bergmeyer Associates, Inc., (BAI) and their consultants to complete all work skillfully and on schedule is best assured by the fact that a good working relationship exists between all members of the consulting team based on shared experience on previous work. This includes: Radov/Koppernaes/Childs on the Newburyport Waterfront Development Plan for which Mr. Yuhas was the Project Manager for the Prime Consultant; also, Koppernaes/Childs/Goldberg-Zoino on the Boston Fish Pier Feasibility Study and Phase I Construction for which Mr. Yuhas was also Project Manager. (Both projects were previous to Mr. Yuhas joining Bergmeyer Associates, Inc.) Since that time, Bergmeyer/Koppernaes/Childs/Goldberg-Zoino have formed a working relationship through which they pursue waterfront project work. Most recently, Bergmeyer and BSC Engineering worked together on site and traffic evaluation for Newton-Wellesley Hospital, and with Karl Radov on a commercial rehab project for the City of Revere.

BAI employs several management and production techniques including a Wang 2200 LVP computer which is used for job time management and cost accounting, word processing, technical specification programs and can be used for evaluating development and operating pro-formas and other economic analysis. Also, BAI overlay drafting system minimizes drafting time and maximizes design alternative potential.

Bergmeyer Associates, Inc.: The one area where the BAI has had the opportunity to plan, design and develop projects is on waterfront sites. Because of office and staff experience and because we enjoy participating in waterfront related projects, we pursue work in this area.

Experience in waterfront projects includes: fisheries related planning and design; boating facilities including embayment areas for fishing vessels and marina design for recreational boating; harbor area planning and design; waterfront recreation facilities; and waterfront mixed use design including commercial and residential development.

Our approach to waterfront projects has been to identify the needs of a specific project and then provide those services that would best address these needs and serve the clients' interests. As stated above, we have developed working relationships with several professional consultants who provide specific waterfront services or have developed particular waterfront expertise within their discipline. Through this team approach we are able to tailor consultant input to a client's needs, deliver comprehensive planning, design and engineering while maintaining the efficiency and personal contact of a smaller office.

BAI and combined office and staff waterfront project experience has a total project value of more than $12,000,000 in construction and an estimated $75,000,000 potential construction in waterfront planning projects.

Additional experience relevant to this project includes the following: Community participation process experience by Bill Yuhas including over 6 years as urban designer architect for the Boston Redevelopment Authority (BRA), particularly in East Boston. As project manager for this project, Mr. Yuhas would have full responsibility for this aspect of work. Mr. Yuhas also has had years of urban site planning experience in Boston while at the BRA and including several waterfront proejcts in East Boston. These included Heritage Apartments which is adjacent to Pier I, NDP II, also adjacent to the project area and Shore Plaza East.

11. The foregoing is a statement of facts.

Date:

Signature: _____ Typed Name and Title: _____

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

He worked directly with Project Area Committees on all work and met regularly with the East Boston Land Use Council. Mr. Yuhas' project management experience includes the Boston Fish Pier Rehabilitation and Phase I construction for a previous employer, where his responsibilities included planning, design and management of 8 sub consultants involved in the work.

BSC Engineering has performed a number of assignments for the City of Boston and the Massachusetts Port Authority over the years. In addition, BSC has worked on waterfront development projects in a number of coastal communities in Massachusetts. BSC's Transportation Planning/Design Group is experienced in preparing and analyzing conceptual design plans for roadway and public transportation, including water transportation, improvements. BSC's Civil Engineering Group has years of experience in planning and analyzing the necessary improvements to the infrastructure of a site to make it viable for development. BSC has experience in residential commercial, office and manufacturing development sites as well as marina-associated development. The strength of BSC's personnel lies in their ability to develop engineering design solutions for large, complex projects requiring extensive input from municipal officials, state agencies and local citizens that are located in environmentally-sensitive areas. BSC's experience in this area has resulted in developing designs that are sensitive to both the built and natural environment.

Karl B. Radov works regularly as part of real estate development and urban planning teams, serving as both lead economist and as social science consultant. His experience with architects is extensive on both planning and design development problems, and he is a member of the faculty of the Boston Architectural Center, where he teaches courses in development economics and serves as a design studio critic.

Childs Engineering Corporation (CEC) has, in addition to original design of dry dock facilities, piers, bulkheads and wharfs, performed investigation and repair design for all types of waterfront structures. These evaluations of deterioration of structures has led to an understanding of proper design techniques which is incorporated into all new designs. Experience includes waterfront design projects in North and South America, the South Pacific Islands, Europe, and West Africa. The CEC staff of engineers, besides being degreed engineers, are also certified marine divers. This combination leads to a full appreciation of the conditions and environment of strucutre in the ocean or at the sea/land interface. CEC maintains a full inventory of underwater inspection equipment including ultrasonic metal thickness measuring devices. Special equipment has been developed for timber coring, pile calipering and alignment and grade measuring devices for use on marine railways. Underwater photography is constantly used to document the engineer's findings.

Goldberg-Zoino & Associates, Inc. is a consulting firm that specializes in providing varied geotechnical engineering services to architects and engineers, industruy,public agencies, and construction companies. The firm provides high-technology services within its fields of expertise and has a fully equipped laboratory that performs a variety of static and dynamic tests on soil, rock and concrete. Relevant to this project is the fact that GZA has also worked on many waterfront projects in Boston, Massachusetts, including several in the areas adjacent to Pier 1 to 5 in East Boston.

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: _____

Date:

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

J.D. Koppernaes Engineering is a consulting firm which has specialized in problems relating to the fishing industry, both in the United States, Canada and Abroad. K.E. has, over the years, accumulated considerable experience and know-how regarding the conceptual formulation, economic assessment, planning and design building and landing and management of a wide variety of fish processing complexes.

11. The foregoing is a statement of facts.

Signature: William A. Yuhas Typed Name and Title: William A. Yuhas/Associate

Date: December 15, 1982

CARR, LYNCH
ASSOCIATES

15 December 1982

DEC 15 1982

Robert J. Ryan
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

Dear Mr. Ryan:

We are pleased to submit our qualifications to prepare a Master Plan and Final Development Plan and Program for East Boston Harborside Project. Waterfront planning has been a particular interest of ours and we have considerable experience with the work. We have taken care to assemble a team consisting of Economic Research Associates for market analysis, Sverdrup & Parcel for engineering and environmental analysis, Segal DiSarcina Associates for traffic planning and Harris Miller Miller & Hanson, Inc. These are firms with whom we have worked successfully in the past and for whom we have the highest regard.

Our own waterfront planning experience began with the Boston Central Waterfront Renewal Plan sponsored by the Boston Chamber of Commerce. Kevin Lynch was the senior planner and I was the principal staff urban designer. This was the first project on which we worked together. Since then, we have worked on other plans relating to Boston Harbor, including a plan for the Harbor Islands and for Columbia Point. We have also prepared harborfront or riverfront plans for Toledo, Ohio; Salem, Massachusetts; Detroit, Michigan; Reno, Nevada; and guidelines for Rhode Island shoreline development. We are currently working in Phoenix, Arizona on a plan for 25 miles of river related development along the Rio Salado, a now dry river running near the centers of Phoenix and two other cities. The project includes planning not only for development along the banks, but also restoration of the river itself as a major recreation resource.

As a result of this broad range of experience, we are thoroughly familiar with the central issues which will be raised in any plan for the East Boston Harborside. Planning for mixed use development has been a part of each of these prior riverfront efforts, as well as of most of our other planning and urban design work in other cities. For instance, the Near East Riverfront in Detroit is a three mile long area running from Renaissance Center eastward, and the development plan includes parks, marinas, commercial recreation, industry, housing and offices, with all of their attendant transportation, parking and compatibility requirements. We are also well versed in the difficult issues around

CARR, LYNCH ASSOCIATES, INC.
Environmental Design · 1385 Cambridge Street, Cambridge, Massachusetts 02139 · 617-661-6566

maintaining public access while providing for appropriate private development. We are experienced in the problems of development in areas of high aircraft noise impact. Much of the Phoenix Rio Salado is within the 65-70 L_{dn} zone of Sky Harbor Airport, and two years ago we did a study for Massport on the effects of noise on land use around Hanscom Field.

Finally, we have extensive experience in community participation and in developing solutions which meet community needs, while also satisfying the goals of cities and public agencies. The Detroit plan and much of our other work involves negotiation of development compacts among the essential public and private actors, which typically include several agencies and community groups. In addition to our principals and senior staff, Dom D'Eramo of S & P, Tony DiSarcina of Segal DiSarcina, Tom Martin of ERA and Nicholas Miller of HMMH are all highly experienced in community work. When properly handled, community involvement can assist a project to be realized, rather than being a deterrent to action, by making it both more realistic and more appropriate. The BRA has already taken the first steps in the formation of the East Boston Project Advisory Committee and in its initial planning studies.

We are very interested in this project. To begin in mid-January would be a good time for us. Kevin and I would be ready to give it our closest personal attention. We feel confident that we can bring to the work the depth of experience and quality of planning and urban design which a project of this importance deserves. We trust that you will give our qualifications your consideration and we look forward to the possibility of being interviewed for the work.

Sincerely,

Stephen Carr
President

SC: ia
Enclosure

FORM (SF) 255

Architect-Engineer Related Services for Specific Project

East Boston Harborside Project

2a. Commerce Business Daily Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Carr, Lynch Associates, Inc.
1385 Cambridge Street
Cambridge, MA 02139

3a. Name, Title & Telephone Number of Principal to Contact

Stephen Carr, President
661-6566

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

3 Administrative	___ Electrical Engineers	___ Oceanographers	___
4 Architects	___ Estimators	3 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
1 Draftsmen	5 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	___ Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.805

c. Outside Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Economics Research Associates 739 Boylston Street Boston, MA 02116	Economic Analysis	Yes
Segal, DiSarcina 863 Mass Avenue Cambridge, MA 02139	Transportation Consulting	Yes
Sverdrup & Parcel 225 Franklin Street Boston, MA 02110	Engineering Consulting	Yes
Harris Miller Miller & Hanson 183 Bedford Street Lexington, MA 02173	Noise Analysis & Control	No

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.503

a. Name & Title: Stephen Carr, Principal	a. Name & Title: Kevin Lynch, Principal
b. Project Assignment: Senior Urban Designer	b. Project Assignment: Senior Urban Planner
c. Name of Firm with which associated: Carr, Lynch Associates, Inc.	c. Name of Firm with which associated: Carr, Lynch Associates, Inc.
d. Years experience: With This Firm 5 With Other Firms 21	d. Years experience: With This Firm 5 With Other Firms 34
e. Education: Degree(s) / Year / Specialization MIT M. Arch., 1962, Urban Design	e. Education: Degree(s) / Years / Specialization MIT Bachelor of City Planning 1947
f. Active Registration: Year First Registered/Discipline Registered Architect	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Stephen Carr has more than twenty-five years of experience teaching and working in urban design. He was urban designer for the Boston Waterfront Redevelopment Plan in 1961-2. Since then he has guided large urban projects in Washington, D.C., Lower Manhattan, Boston's Columbia Point, Detroit, Reno, Nevada, and Phoenix, Arizona. The Detroit Near East Riverfront Development Plan covered a two-and-a-half mile stretch of the city's riverfront, creating a planned mixed use environment of residences, offices, industry and recreation. In Phoenix, Mr. Carr is heading a team of consultants in the preparation of a Master Plan for a 40-mile stretch of the Rio Salado, a primarily dry river running adjacent to Phoenix and two other cities.	g. Other Experience and Qualifications relevant to the proposed project: Kevin Lynch is a renowned planner, urban designer and author. His writings, Image of the City and Site Planning, are read worldwide. He has taught at MIT as Professor of City Design and has consulted with a wide variety of planning and design firms. He was principal planner for Boston's Government Center, the Boston Waterfront, and the Boston Harbor Islands. As a principal at Carr, Lynch Associates, Mr. Lynch has contributed his planning expertise to the firm's projects, recently assisting in the design and development plan for Detroit's Near East Riverfront and a Conservation Plan for Old Anacostia and LeDroit Park, Washington, D.C., two low-income black neighborhoods. He is currently chief Planner on the development of the Rio Salado Master Plan.

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.803

Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Gary Hack, Consulting Principal

b. Project Assignment:
Urban Planner and Designer

c. Name of Firm with which associated:
Carr, Lynch Associates, Inc.

d. Years experience: With This Firm 5 With Other Firms 13

e. Education: Degree(s) / Year / Specialization
PhD Urban Planning and Studies, MIT, 1967
M. Urban Planning, U. Illinois 1967
M. Architecture, U. Illinois 1968

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Gary Hack is an urban designer and Planner with considerable experience in both planning and managing large scale development. He served as head of planning for Victor Gruen Associates, New York, preparing development plans for several center city renewal efforts and large planned unit developments. As General Manager for Research and Demonstration of the Canadian government's housing agency, he managed the planning and development of several demonstration communities and major federal initiatives to redevelop urban waterfronts. As a result of this experience, Mr. Hack is highly skilled in planning and design for joint public and private development. He currently heads the Department of Urban Studies and Planning at MIT and consults with Carr, Lynch Associates on a regular basis.

a. Name & Title:
Alex Lui, Designer and Architect

b. Project Assignment:
Designer

c. Name of Firm with which associated:
Carr, Lynch Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 13

e. Education: Degree(s) / Years / Specialization
M. Architecture, U. Hong Kong, 1969

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Lui is an architect, urban designer and planner with thirteen years of domestic and international experience in architecture, planning, and large scale urban design. Among his many projects are urban centers, mass transit facilities, and large scale residential and commercial projects. Mr. Lui has previously been an Assistant Lecturer in Architecture at the University of Hong Kong, and a visiting critic at the Harvard G.S.D. and the MIT Design Studio. In his work with Carr, Lynch Associates, Mr. Lui has helped design the Detroit Near East Riverfront Development Plan, and has been Project Manager for the Downtown Reno Redevelopment Plan in Reno, Nevada.

Standard Form 255 July 1975

a. Name & Title:
Kim Ahern, Landscape Architect

b. Project Assignment:
Landscape Design

c. Name of Firm with which associated:
Carr, Lynch Associates, Inc.

d. Years experience: With This Firm 1½ With Other Firms 8

e. Education: Degree(s) / Year / Specialization
B.L.A. Univ. of Oregon 1978

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Ahern is a landscape architect with 8 years of work experience both in this country and abroad. She recently completed detailed design and construction documents for the Lowell Heritage State Park project, and the Franklin Field Redevelopment project. Ms. Ahern also participated in the design of a 12-mile transportation and park system as part of the Southwest Corridor transit project in Boston. Currently, she is landscape designer for the 100-square-mile Rio Salado Development District Master Plan.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

c. Work of Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Franklin Field Housing Redevelopment Plan and Construction, Boston, MA	Program Planning; site Design, Site Planning, Community Participation	Boston Housing Authority 52 Chauncy Street Boston, MA	1983	25,000	415
(2) Columbia Point Revitalization Plan Boston, MA	Urban Design and Planning	Boston Housing Authority through Columbia Point Community Task Force, 14 Montpelier Rd., #932, Dorch, MA	1980	30	6
(3) Near East Riverfront Development Plan Detroit, MI	Urban Design, Planning	Detroit Renaissance 100 Renaissance Ctr. S. 1760 Detroit, MI	1982	165	165
(4) Public Improvements Plan LeDroit Park and Old Anacostia Washington, D.C.	Community Planning, Urban Design, Center City Revitalization	D.C. Dept. of Housing and Community Development 1133 N. Capitol St. NE Washington, D.C.	1978	80 (portion of total)	80
(5) Noise Control and Land Use Study Hanscom Field, MA	Land Use	Mass Port Authority Logan Airport Boston, MA	1979	63	15
(6) Reno Downtown Revitalization Plan Washington, D.C.	Urban Planning & Design	City of Nevada through Omni-Means	1982	111	111
(7) Downtown Washington Streets for People Washington, D.C.	Urban Planning and Design	D.C. Department of Housing and Community Development 1133 No. Capitol Street N.E. Washington, D.C.	1978	1,100 fee 6,900 const.	414
(8) Boston Government Center Renewal Plan	Public Space Design and Urban Planning	Boston City Planning Board City Hall Boston, MA	1959		
(9) Boston Waterfront Renewal Plan	Urban Planning and Design	Boston Chamber of Commerce 125 High Street Boston, MA	1962		
(10) Rio Salado Development District Phoenix, Arizona	Large Scale Urban Design	Rio Salado Development District 141 East Palm Lane, Phoenix Arizona 85005	1982-83	300	135

Standard Form 254 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-30.805

10. Use the space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Carr, Lynch Associates, Inc. is an urban planning and design firm that sets high standards for both design quality and realism and, therefore, does not undertake work unless the principals can personally direct the design and be involved from start to finish.

Currently, we are working on large projects in Boston, Massachusetts; Reno, Nevada; and Phoenix, Arizona. In Boston, we have now completed the redevelopment plan, building rehabilitation program and site construction documents for the $35 million reconstruction of one of the City's large, troubled housing developments. In Reno, we have just completed a downtown redevelopment plan and are about to start on detailed design for the first $10 million in public improvements, including extensive work along the banks of the Truckee River. In Phoenix, we have been commissioned to prepare a master plan for the 100 square mile Rio Salado Development District, centering on the mostly dry Salt River bed, which runs through Phoenix, two adjacent smaller cities, and two Indian communities. The project involves flood control and water conservation strategy, together with design of a forty mile long lake and park system. We will plan for associated new urban development, which is expected to eventually be worth hundreds of millions in new taxes.

We have also prepared waterfront plans for many other cities, including the Boston Central Waterfront Renewal Plan, the Boston Harbor Islands Plan, and the Columbia Point Renewal Plan, as well as plans for Toledo, Ohio, and Salem, Massachusetts.

11. The foregoing is a statement of facts.

Signature: Stephen Carr Typed Name and Title: Stephen Carr, President

Date: 15 December 1982

STANDARD FORM (SF) 255
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

Master Planning for Boston Harbor Development Site

2a. *Commerce Business Daily* Announcement Date, if any:

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2b. Agency Identification Number, if any:

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3. Firm (or Joint-Venture) Name & Address

Economics Research Associates
739 Boylston Street
Boston, Massachusetts 02116

3a. Name, Title & Telephone Number of Principal to Contact

Mr. Thomas J. Martin, Vice President and Regional Manager
617-437-1965

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

18 Administrative	___ Electrical Engineers	___ Oceanographers	9 Technicians
___ Architects	___ Estimators	11 Planners: Urban/Regional	15 Clerical
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	2 Environmental Spec.
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	8 Real Estate Analysts
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	10 Financial Analysts
___ Draftsmen	___ Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
16 Economists	___ Mining Engineers	___ Transportation Engineers	___ Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☒ no

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Thomas J. Martin
Vice President and Regional Manager

b. Project Assignment:
Project Director

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 11 With Other Firms 4

e. Education: Degree(s) / Year / Specialization

MA University of Washington, City Planning, 1967
BA Southern Illinois University, 1964

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Martin has had extensive experience in land use, urban development and public program development. This experience has involved responsibility for the economic components of urban renewal plans and economic development plans for various cities and private developers. Mr. Martin directed the analysis of the reuse potentials of the Boston Naval Shipyard and the South Boston Naval Annex. He has recently completed the economic analyses for the Near East Riverfront area in Detroit.

a. Name & Title:
Marie H. Keutmann
Senior Associate

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

MBA Columbia University, 1972
BA Smith College, 1966

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Keutmann has had extensive experience in urban economic planning, waterfront development planning, and real estate feasibility studies. She directed the economic components of a revitalization plan for the historic waterfront district in South Norwalk, Connecticut. She is currently managing a project to develop a development plan for a 40 mile stretch of the Salt River in Phoenix.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Francis X. Mahady
Vice President and Office Manager

b. Project Assignment:

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 6 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
BA Harvard College, 1970
M.C.P., 1976, Transportation & Economic Development
M.I.T.

f. Active Registration: Year First Registered/Discipline
N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Mahady is an economist and planner with over 10 years experience in economic development planning. He served as principal investigator on the following ERA port-related projects: Port/Rail/Energy Transportation Planning Project, State of Connecticut; a General Cargo Port Development Strategy for the State of Maine; a Fisheries and Harbor Development Management Plan for Gloucester, Massachusetts; and port-related evaluations in Waldo County, Maine; Wilmington, Delaware; Memphis, Tennessee; and Beaumont, Texas.

a. Name & Title:
Web Bingham
Associate

b. Project Assignment:
Research Analyst

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
BA Urban Studies, Hobart College
MCRP Urban and Regional Planning, Harvard University

f. Active Registration: Year First Registered/Discipline
N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Binghams specialty is in real estate investment consulting. He has worked for major private and public clients in areas of property management, project financial feasibility, mortgage finance, market analysis and appraisal analysis. Mr. Bingham has analyzed a full range of property types including major, mixed use, adaptive reuse, historic rehabilitation, office, retail, hospitals and special use sites. He is presently participating in a major real estate study for the Massachusetts Bay Transportation Authority. He also is assisting to plan joint public/private development of station areas for a rapid transit system under study in Houston, Texas.

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Central City Waterfront Study Detroit, Michigan	Economic analysis and recommendation of development alternatives	Mr. Steve Carr Carr-Lynch Associates 1385 Cambridge Street Cambridge, Massachusetts	1982		$ 20,000
(2) Rio Salado Master Plan Phoenix, Arizona	Economic analysis, fiscal impact & development recommendations for riverfront	Salt River Planning District Phoenix, Arizona	1983	$ 300,000	$ 45,000
(3) South Norwalk Historic Waterfront Revitalization Plan Norwalk, Connecticut	Market potentials, economic/fiscal impact and strategy recommendations	Mr. Rod Johnson, Director Norwalk Redevelopment Agency 35 South Main Street Norwalk, CT 06854	1979		$ 30,500
(4) Boston Naval Shipyard Reuse Study Boston, Massachusetts	Analysis of market support for waterfront related uses; fiscal impact,cost/benefit analysis & development programming	City of Boston Economic Development & Industrial Commiss.	1972		$ 20,000
(5) Third Harbor Tunnel Central Artery Improvements EIS Boston, Massachusetts	Economic impact analysis for environmental impact statement	Massachusetts Turnpike Authority Massachusetts Dept. Public Works Boston, Massachusetts	Sept. 1983	$ 3.3 million	$ 90,000
(6) Computerized Property Management Information System Boston, Massachusetts	Inventory and valuation of real estate parcels	Massachusetts Bay Transportation Authority 50 High Street Boston, Massachusetts 02110	1982	$ 226,000	$ 26,000
(7) The North Artery Project Opportunities for Development in Charlestown, MA (Boston,MA)	Evaluation of develop. potential of parcels near improved highway Recommend joint dev. opp.	Massachusetts Dept. Public Works 100 Nashua Street Boston, Massachusetts	1981		$ 15,000
(8) Lowell Urban National Cultural Park Lowell, Massachusetts	Economic analysis, projection of market potentials & impact study	Fred Faust Lowell Historic Canal Commiss. Lowell, Massachusetts 01800	1977		$ 5,000
(9) Lynn Blue Line Economic Development Study Lynn, Massachusetts	Economic & fiscal impact analysis of Blue Line extension	Massachusetts Bay Transportation Authority 50 High Street, Boston, MA.	1978		$ 9,500
(10) Revitalization Strategy for Codman Square Dorchester, Massachusetts	Market potential analysis & development of revitalization strategy	Mr. Emmanuel Berk Neighborhood Develop. Agency 128 Tremont Street	1981	$ 27,000	$ 27,000

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Economics Research Associates is a consulting firm specializing in real estate economics and development planning. The firm has offices in Boston, Los Angeles, Washington, D.C., Chicago, Ft. Lauderdale and San Francisco. Included in the staff are economists, public administrators, financial analysts, marketing professionals and urban planners, as well as other disciplines concerned with providing creative solutions to business and governmental problems. Since its creation in 1958, ERA has completed more than 6,000 assignments for a wide range of governmental, institutional and corporate clients.

Over the years, ERA has completed numerous projects involving development planning for large-scale urban development projects, including such well known developments as Market Street East in Philadelphia; Broadway Plaza in Los Angeles; the Galleria in Houston; and the Charlestown Navy Yard and Faneuil Hall Marketplace in Boston. ERA has provided the economic input into development planning for waterfront projects in Newburyport, Salem, Gloucester, New Bedford and Boston, Massachusetts; Narragansett Bay, Rhode Island; Norwalk, Groton, and Saybrook, Connecticut, and Detroit, Michigan. These projects have involved determination of market support for a variety of uses, including housing, retail, office, hotel, marina, tourist attractions, fisheries and port facilities. In addition to market data, ERA has provided input on financial feasibility, financing strategies, economic and fiscal impacts, cost-benefits, development alternatives and implementation strategies.

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: Thomas J. Martin, Vice President and Regional Manager

Date: December 10, 1982

STANDARD FORM (SF)

255

Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harborside Project

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Segal DiSarcina Associates
863 Mass Avenue
Cambridge, MA 02139

3a. Name, Title & Telephone Number of Principal to Contact

Anthony J. DiSarcina P.E.
965-3999

3b. Address of office to perform work, if different from item 3

4. Personnel by Discipline:

___ Administrative	___ Electrical Engineers	___ Oceanographers	___
___ Architects	___ Estimators	___ Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
___ Draftsmen	___ Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	2 Transportation Engineers	2 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Standard Form 255 July 1975

Name & Title: Anthony J. DiSarcina, P.E. Partner	**a. Name & Title:** Murray D. Segal Partner
Project Assignment: Partner-in-Charge (from firm)	**b. Project Assignment:** Project Engineer
Name of Firm with which associated: Segal/DiSarcina Associates	**c. Name of Firm with which associated:** Segal/DiSarcina Associates
Years experience: With This Firm 1 **With Other Firms** 18	**d. Years experience: With This Firm** 1 **With Other Firms** 25
Education: **Degree(s) / Year / Specialization** BSCE 1961 Civil Engineering MSCE 1962 Civil Engineering	**e. Education:** **Degree(s) / Years / Specialization** BSCE 1956 Civil Engineering MPA 1981 Public Administration
Active Registration: Year First Registered/Discipline 1970 Civil Engineering	**f. Active Registration: Year First Registered/Discipline**
Other Experience and Qualifications relevant to the proposed project: Mr. DiSarcina has had extensive experience ith master planning in urban areas. From 1964 o 1972, he was employed by the Boston Redevelop- ent Authority in its transportation planning epartment and was Director of Transportation lanning. While at BRA, he was the transportation lanner for the Charlestown, South End and Fenway rojects. He participated in the planning, desig nd traffic operations aspects of many of the City rterial streets and was the City's technical epresentative to the Mass DPW, MBTA and MassPort r. DiSarcina also worked 9 years for the Central ransportation Planning Staff, the last 3 as Direc here, he worked on airport issues, the Third arbor Crossing and street capacity issues in ast Boston.	**g. Other Experience and Qualifications relevant to the proposed project:** Mr. Segal has had a varied and extensive experience working on master planning projects. In Boston, he worked on the transportation aspects of a reuse plan for the Boston Navy Yard for the Boston Redevelopment Authority and the Boston Econmic Development and Industrial Commission. He participated in the master plan development of a three mile long segment of waterfront in the City of Detroit, just easterly of the Renaissance Center. He has worked on the traffic generation, distribution and capacity aspects of various land uses during the initial and final planning phases. He has paricipated in schematic and functional design of roadways and internal circulation for development sites.

NearEast Riverfront Project, Detroit, Michigan

Particpated with architectural/planning consultants in the development of a master plan for a three mile segment of waterfront in downtown Detroit, east of the Renaissance Center. Develped highway and transit access proposals to serve existing and proposed land uses

Boston Navy Yard Reuse Study, Boston, Mass

Work performed for the Boston Redevelopment Authority and the Boston Economic Development and Industrial Commission. Along with architural team, development access requirements for proposed reuses

Watertown Industrial Park, Watertown, Mass

Working for the Watertown Planning Board, assisted in the review of the proposed developer's plans and programs for the construction of a 750,000 gsf industrial park

Airport Development Traffic Master Plan Study, Bedford, Mass

Analyzed the traffic impacts for various levels of industrial development at Hanscom Field, Bedford, Mass

Derby Street Office Development, Hingham, Mass

Prepared trip generation and distribution estimates for a proposed 350,000 gsf office development. Made estimates of traffic levels and impacts on abutting street system

Bird Island Flats Development, Boston, Mass

Analyzed the trip generation, distribution and assignment of traffic and parking for proposed development on Bird Island Flats at Logan Airport. Work was performed within a fixed trip table as defined in the Final Environmental Impact Report.

Town Center Revitalization Plans, Various Towns, Mass

Supervized staff work which analyzed traffic circulation and parking needs of existing and proposed land uses in downtown areas of several towns in metropolitan Boston

...provide any additional information or description of resources ...orting your firm's qualifications for the proposed project

Segal/DiSarcina Associates are consultants engaged in the practice of transportation and traffic planning and engineering. The two principals offer a total of 44 years of professional experience in private and public sector work. Clients receive the direct, personalized services of the principals.

Mr. Segal has over 25 years of private practice experience in transportation planning, traffic operations, transit planning, transportation management and safety operations. His consulting practice has included work in CBD circulation studies, downtown pedestrian programs, bus systems operations and residential, shopping and industrial site development studies. He has worked on master transportation planning studies for municipalities, counties, and states in various parts of the country. Several of his work efforts have include data collection, organization and analysis of portions of state highway systems in several states. He has appeared as an expert witness in state and federal courts in matters pertaining to traffic operations and collsion reconstructions.

Mr. DiSarcina is a registered professional engineer with 19 years of transportation planning, traffic engineering and highway design experience. His prior public agency work has included eight years of city planning and urban renewal transportation planning with the Boston Redevelopment Authority and nine years of regional transportation planning with the metropolitan Boston regional planning agency. This latter experience included the direction of the Central Transportation Planning Staff, a staff of over 40 professional transportation planners working in regional transportation forecasting, environmental impact analyzes and highway capacity analyses. His private practice experience has emphasized a close working relationship with developers and architects/engineers/planners in analyzing the transportation aspects of site development projects.

The firm's recent work load has included projects under the general categories of traffic operations, parking, traffic safety, site development, transit planning, management studies, master planning and transportation planning.

1. The foregoing is a statement of facts.

Signature: [signature] Typed Name and Title: Anthony J. DiSarcina, Partner

Date: 12 - 10 - 82

STANDARD FORM (SF) 255

Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harborside Project

2a. Commerce Business Daily Announcement Data, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Sverdrup & Parcel
225 Franklin Street
Boston, MA 02110

Sub-consultants to Carr, Lynch Associates Inc.

3a. Name, Title & Telephone Number of Principal to Contact

T. J. Regan, 482-7880

3b. Address of office to perform work, if different from item 3

4. Personnel by Discipline:

4 Administrative	3 Electrical Engineers	___ Oceanographers	2 Construction Experts
3 Architects	1 Estimators	___ Planners: Urban/Regional	5 Designers
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
6 Civil Engineers	___ Hydrologists	1 Soils Engineers	___
1 Construction Inspectors	___ Interior Designers	1 Specification Writers	___
3 Draftsmen	___ Landscape Architects	11 Structural Engineers	___
___ Ecologists	1 Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	1 Transportation Engineers	43 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Domenic D'Eramo Project Manager	a. Name & Title: Alfred Pizzano, Jr. Manager, Electrical Engineering Section
b. Project Assignment: Project Manager	b. Project Assignment: Electrical Engineer
c. Name of Firm with which associated: Sverdrup & Parcel and Associates, Inc.	c. Name of Firm with which associated: Sverdrup & Parcel and Associates, Inc.
d. Years experience: With This Firm 20 With Other Firms 4	d. Years experience: With This Firm 1 With Other Firms 18
e. Education: Degree(s) / Year / Specialization BS/ Engineering	e. Education: Degree(s) / Years / Specialization BS, Electrial Engineering 1963
f. Active Registration: Year First Registered/Discipline 1968 - Professional Engineer	f. Active Registration: Year First Registered/Discipline 1977 - Professional Engineer
g. Other Experience and Qualifications relevant to the proposed project: Specializes in project management and environmental studies and reports. Project management assignments include BRA Dewey Square Transportation Systems Management (TSM), MBTA Red Line NW, Harvard Square Station Complex and Alewife Station/Garage complex and environmental impact assessment between Cambridge and Arlington, Other projects include Lenox Station for MARTA: L-391 in Chicopee-Holyoke, MA; environmental analysis, New Bedford-Fairhaven Bridge Replacement.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Pizzano has been involved in electrical engineering in the electric utility field, the public transportation field and in consulting. He has been responsible for the technical adequacy of new and existing plant and for the economic feasibility of plant additions. He has also been responsible for complete design of overhead and underground lines, calculation of voltage profiles, and determination of substation, feeder circuit, and apparatus capability. His most recent assignments for Sverdrup & Parcel's Boston office include responsibility for all electrical engineering for five miles of elevated rapid transit line in Philadelphia and a major rapid transit section in Atlanta.

Brief Resume of ... Persons, Specialists, and Individual Consultants Anticipated for ... Project

Name & Title: Allen D. Rudolph Head Architect, Boston Office	**a. Name & Title:** Leonard A. McMahon Manager, Structural Engineering, Boston Office
Project Assignment: Senior Architect	**b. Project Assignment:** Cost Control and Estimating
Name of Firm with which associated: Sverdrup & Parcel and Associates, Inc.	**c. Name of Firm with which associated:** Sverdrup & Parcel and Associates, Inc.
Years experience: With This Firm 21 **With Other Firms** 9	**d. Years experience: With This Firm** 10 **With Other Firms** 21
Education: Degree(s) / Year / Specialization BS/1948/Architecture	**e. Education: Degree(s) / Years / Specialization** MS/1953/Civil Engineering BS/1947/Mechanical Engineering
Active Registration: Year First Registered/Discipline 1960/Architecture	**f. Active Registration: Year First Registered/Discipline** 1962/Professional Engineer 1977/Certified Cost Engineer
Other Experience and Qualifications relevant to the proposed project: Specializes in project management; conceptual planning and program development; Representative projects include: Converting 7-story building to a 150-bed general hospital, New Orleans, LA: Several extended-care facilities and numerous medical clinics in various cities; Boston Garden Renovations, Boston, MA; The 50,000-seat Civic Center-Busch Memorial Stadium in St. Louis, including the feasibility study; Employee cafeteria remodeling, Gillette Safety Razor Company, Boston; Addition to and Modernization of a Controlled Industrial Facility, U.S. Naval Shipyard, Portsmouth, NH Responsible Architect of record for numerous health care and other buildings including all code requirements for safety, Provision for handicapped, and related requirements	**g. Other Experience and Qualifications relevant to the proposed project:** Specializes in engineering administration; structural design; construction supervision and construction cost estimating. Responsible engineer for: Boston Garden Renovations, Boston;Building alterations for Dialysis Units at Bronx, NY, New Orleans, LA; Post Office modernizations at several locations in Massachusetts. EDITOR, Annual DODGE GUIDE for estimating construction costs, McGraw-Hill Information Systems Company. Specializes in Cost Control. Responsible for final review of all construction cost estimates.

a. Name & Title: John G. Shea
Estimator/Specification Writer
Construction Supervisor

b. Project Assignment: Architectural Coordinator

c. Name of Firm with which associated:

Sverdrup & Parcel and Associates, Inc.

d. Years experience With This Firm 8 With Other Firms 19

e. Education: Degree(s) / Year / Specialization

1956/Certificate/Franklin Technical Institute
Taken advanced Technical Courses at M.I.T. for 4 years

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project: Has experience in estimating, specification writing and field inspection for commercial, industrial and medical and military projects.
Resident Engineer for Incoming Mail Center and Vehicle Maintenance Facility in Chelsea, Massachusetts and for South Boston Postal Annex Rehabilitation.
Design and construction inspection of Industrial X-ray Facility for Trident Nuclear Submarines in Quonset Point, Rhode Island.
Has specialized in architectural design and specifications for Modernization and Rehabilitation projects, including the BEQ Modernization and Controlled Industrial Facility Projects at Portsmouth Naval Shipyard, Portsmouth, NH.

0282

a. Name & Title: C. C. Chang
Senior Hydrotechnical Engineer

b. Project Assignment: Engineer

c. Name of Firm with which associated:

Sverdrup & Parcel and Associates, Inc.

d. Years experience: With This Firm 7 With Other Firms 6

e. Education: Degree(s) / Years / Specialization

PhD-1971-Civil and Geotechnical Engineering

f. Active Registration: Year First Registered/Discipline
1963 - Hydraulic Specialty Engineer in Taiwan, Formosa
1976 - Illinois/Registered Professional Engineer and five other states

g. Other Experience and Qualifications relevant to the proposed project: Specializes in hydraulic and waterfront structural analyses and design; surface and subsurface hydrology; river hydraulics; and soil and rock mechanics and foundation engineering. His work experience include drainage basin hydrology, backwater computation using HEC-2 and other computer programs, erosion control, outl structure and spillway design, and well field developmer He engaged in research at Princeton and taught these sul jects at South Dakota State University. He has used these capacities in S&P projects for a radial-collector well system for Union Electric of Missouri, the Todd Creek (Kansas City) hydrotechnical study; the Kaskaskia Island (IL) floodplain study, interior drainage design for Memphis (AR), hydrotechnical study for Clark Maritin Centre (IN); and water resources at Yogya Iron-Sand project (Indonesia). Flood Insurance Studies for 13 townships in Massachusetts and Rhode Island, HUD. Experienc

Name & Title: Horace L. Magee
Manager, Civil Engineering
Boston Office

Project Assignment:

Name of Firm with which associated:
Sverdrup & Parcel and Associates, Inc.

Years experience: With This Firm 35 **With Other Firms** 4

Education: Degree(s) / Year / Specialization
BS/1943/Civil Engineering

Active Registration: Year First Registered/Discipline
1950/Professional Engineer
1955/Land Surveyor

Other Experience and Qualifications relevant to the proposed project: Specializes in engineering administration; rapid transit and railroad location, highway project location studies and final design; site planning and construction supervision; field survey organization and execution; Section Head for utility, drainage, hydraulic, hydrologic studies. Project Engineer for MBTA Red Line, Harvard Square Complex; Davis-Alewife Tunnel and Alewife Station Complex; civil and geometrics for Lenox station, MARTA; and numerous bridge, highway and track-work projects. Group Leader for control surveys, 18-mile Chesapeake Bay Bridge-Tunnel, Norfolk, VA.

a. Name & Title: John Mahony
Environmental Engineering

b. Project Assignment: Professional Engineer

c. Name of Firm with which associated:
Sverdrup & Parcel and Associates, Inc.

d. Years experience: With This Firm 5 **With Other Firms** 8

e. Education: Degree(s) / Years / Specialization
MS/Civil Engineering
MBA
BS?Civil Engineering

f. Active Registration: Year First Registered/Discipline
1979/Professional Engineer

g. Other Experience and Qualifications relevant to the proposed project: Specializes in agency and A/E discipline coordination of multi-client projects, and engineering studies and reports for master plans, designs and feasibility studies. Other projects include A/E coordination MBTA Red Line 2,000 car garage and underground subway station and the Harvard Square Station. Project Manager SRTA Parking Garage and Bus Terminal, New Bedford; environmental and preliminary engineering study, New Bedford-Fairhaven Bridge; environmental and preliminary engineering study for Holyoke Downtown Connector

Relevant to this Project (List not more than 10 Projects)

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
dernization of Bachelor listed Quarters, and nversion of Two Other ildings to Bachelor listed Quarters. rtsmouth, New Hampshire	Energy conversion report; site investigation; contract plans, specifications; interior design package (Project received Zumwalt Award in 1979)	Northern Division, Naval Facilities Engineering Command U.S. Naval Base Philadelphia PA 19112	1976	1,465	1,465
novations and Addition Controlled Industrial cility, Portsmouth Navy ipyard, Portsmouth, NH. clear Submarine Repair cility Including Underound Steam Heat, Steam stribution System and 600# Underground Steam st Line.	Contract Plans and Specifications Including Complete Atmospheric, Environmental, and Utility Controls	U. S. Navy Northern Division Philadelphia, PA 19112	1981	1,200	100%
ocation and nversion of 6-Story Loft lding for Blood Research oratory. ton, Massachusetts	Site Investigations; Contract Plans; Specifications Including all Utility Systems (Received letters of Commendation from Northern Division NAVFAC and Naval Blood Research Laboratory)	Northern Division, Naval Facilities Engineering Command U. S. Naval Base Philadelphia, PA 19112	1976	Constructed	315

Project Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
ndustrial Buildings for rident Nuclear Submarines Shipyard. Major Component Assembly Building, Groton, CN Industrial X-Ray Bldg. Pipe cleaning laundry facility, plumbing, piping design Quonset Point, RI	Contract plans and specs	General Dynamics Corporation Electric Boat Division Eastern Point Road Groton, CT 06340	1975 1976 1975	1,200 200 400	1,200 200 400
esh Water Distribution stem Investigation ston Naval Shipyard ston, MA	Investigation, Survey Report, Analysis of system	Northern Division, Naval Facilities Engineering Command U. S. Naval Base Philadelphia, PA 19112	1977	14 (Fee)	14 (Fee)
dustrial Buildings lti-story Service hicle Parking Garage ston, MA	Structural Repair Interior Facility Engineering	New England Telephone Co. 185 Franklin Street Boston, MA	1974	80	100%
novation of spaces in isting commercial and stitutional bldgs. for ntal dialysis out patient nters -- 12 centers in rious U. S. cities	Preliminary and final designs; construction documents; construction Inspection	Bio-Medical Applications Inc. Hancock Place Boston, MA	1975	2,500	2,500

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsibld
lyoke Downtown Highway nnector Study for a City reet Connector from Inter- ate I-391 to Holyoke siness District. Total ngth about 1 mile (1.6 km) adway Width 2 to 4 Lanes.	Conduct Environmental and Engineering Studies in Three Phases: Environmental Overview; Environmental Assessment; Draft & Final Environmental Impact Statement	City of Holyoke Office of Community Development Holyoke, MA 01040	1978	($14 Fee)	($14 Fee)
3 mile (0.5 km) of New Lane Roadway with Extensive taining Walls, SR 97- iley Boulevard. verhill, Massachusetts	Preliminary Plans; Contract Plans; Specifications; Review Shop Drawings	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1974	Constructed	$1,00
adway Design ectric Boat Division oton, Connecticut	Design of 2 miles of new Roadway and Modifications of Existing Roadway, Feasibility Study, Planning and Layout, Construction Documents and Inspection.	General Dynamics Corp. St. Louis, MO	1974	Constructed	
tomac River Freeway shington, D.C.	Preliminary Master Plan and Eng. Report which Included Possible Space for Park and Rec. Areas	Department of Highways and Traffic District of Columbia	Report Submitted 1971	$97,000	$97,000
lace Washington Street dge over Boston & Maine lroad with a 65-foot .8-m) Span nerville, Massachusetts	Project Report: Preliminary Plans; Contract Plans and Specifications; Review Shop Drawings	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1976	Sketch Plans Accepted	$550

8. Work by Firm, Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
idge Replacement B-16-162 rfolk Street, 44-ft Roadway th Sidewalks over 2 Conrail acks, Skewed Span Length is 2 ft. ston, Massachusetts	Type Study; Design Replacement Bridge; Contract Plans; Specifications; Cost Estimates; Advise During Construction	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1979	$500	$500
ymouth Fore River Bridge 0-ft (91.5-m) Lift Span ssachusetts	Basic Design Report	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1973	Report Submitted	($179 Fee)
place 28-ft (8.5-m) Span th a 43-ft (13.1-m) Span. 4-Track Boston & Maine ilroad Bridge; rvard Street, dford, Massachusetts	Project Report; Preliminary Plans; Contract Plans; Specifications; Review Shop Drawings	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1975	Under Construction	$1,126
ightman Street Bascule idge over Taunton River tween Somerset and Fall ver, Massachusetts	Inspect; Rate; Recommend Improvements; Contract Documents; Data for Environmental Assessment	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1978	Current	$2,000
place Existing 2-Span idge with a 97-ft (29.6-m) an. Penn Central Railroad er State Route 1A, rwood, Massachusetts	Preliminary Plans; Contract Documents; Review Shop Drawings	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1975	Under Construction	$2,430

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
wntown Traffic and rculation Plan edham, Massachusetts	Comprehensive circulation study including development of options and recommendations for pedestrian and vehicular modes, modification of commuter rail and bus transit and aesthetic improvements	Town of Needham, MA Norfolk County Development and Tourist Council	1979	In Progress	($7 Fee)
ansit Station Engineering ewife Brook Station mbridge, Massachusetts	Environmental Impact Assessment, Preparation of Specifications, Cost Estimates, Quantity Surveys, Technical Writing, Drafting Structural, Civil, Hydrological design for Station and Garage Complex	M.B.T.A. 50 High Street Boston, MA 02110	1980	78,000	50,000
ility Relocation Contract rvard Square Station mbridge, Massachusetts	Contract Plans & Specs. Water Distribution Analysis, Harvard Square area	Mass. Bay Transportation Authority 50 High Street Boston, MA 02110	1979	205	205
391 Chicopee-Holyoke ssachusetts	Environmental Impact Assessment, Preparation of Specifications, Quantity Surveys, Cost Estimates, Technical Writing, Drafting Structural, Civil, Electrical, Highway, bridge, drainage, hydraulics for crossings of Connecticut and Chicopee Rivers	Massachusetts Department of Public Works 100 Nashua Street Boston, MA 02114	1980	94,500	94,500

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
rug Vault, Patient tio Improvements, ergency Power provements	Construction Documents	Veterans Administration Hospital 1400 VFW Parkway West Roxbury, MA 02134	1979	120	120
provement Program 12 Facilities for rk Conditions stal Facilities rtheastern, MA	Contract Plans, Specifications, Construction Inspection	U. S. Postal Service Northeast Region P. O. Box 324 Lexington, MA 02173	1976	470	100%
uth Boston Postal nex Rehabilitation	Construction Management	U. S. Postal Service Washington, DC	1980	14,674	100% of C.M.C.

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Relocation and Conversion of 6-Story Loft Building for Blood Research Laboratory. Boston, Massachusetts	Site Investigations; Contract Plans; Specifications Including all Utility Systems (Received letters of Commendation from Northern Division NAVFAC and Naval Blood Research Laboratory)	Northern Division, Naval Facilities Engineering Command U. S. Naval Base Philadelphia, PA 19112	1976	Constructed	315
Modernization of Bachelor Enlisted Quarters, and Conversion of Two Other Buildings to Bachelor Enlisted Quarters. Portsmouth, New Hampshire	A Preparation of a PCE; Energy conversion report; site investigation; contract plans, specifications; interior design package (Project received Zumwalt Award in 1979)	Northern Division, Naval Facilities Engineering Command U.S. Naval Base Philadelphia, PA 19112	1976	1,465	1,465
Renovations and Addition to Controlled Industrial Facility, Portsmouth Navy Shipyard, Portsmouth, NH. Nuclear Submarine Repair Facility Including Underground Steam Heat, Steam Distribution System and a 600# Underground Steam Test Line.	Contract Plans and Specifications Including Complete Atmospheric, Environmental, and Utility Controls	U. S. Navy Northern Division Philadelphia, PA 19112	1981	1,200	100%

SVERDRUP & PARCEL a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
reenfield Road ontague, Massachusetts	Type study, Preliminary and Final Designs for Highway and Bridges, Contract Plans, Specifications, Cost Estimates and Construction Services	Massachusetts Department of Public Works 100 Nashua Street Boston, Massachusetts 02114	1984	$2,500	100%
ewey Square Transportation ystems Management Program oston, Massachusetts	Traffic Systems Management, Re-parcelization Plan, Improved bus strategy, Improved goods movement system, Environmental assessment, Prepare Final Plans and Specifications for proposed street improvements	Boston Redevelopment Authority 1 City Hall Plaza Boston, Massachusetts 02201	1984	$4,000	45%
-391 over Connecticut River nd Chicopee River, North nd South Branch	Type study, Preliminary and Final Designs for Highway and Bridges, Contract Plans, Specifications, Cost Estimates and Construction Services	Massachusetts Department of Public Works 100 Nashua Street Boston, Massachusetts 02114	1982	$90,000	100%
anklin Bridge over emigewasset River anklin, New Hampshire	Type study, Preliminary and Final Design for Highway and Bridge, Contract Plans, Specifications, Cost Estimates and Construction Services	New Hampshire Department of Public Works and Highways Morton Building Concord, New Hampshire 03301	1984	$20,000	100%

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
nterbury & West Street idges over MBTA ston, Massachusetts	Type Study, Preliminary and Final Design for Highway and Bridge Contract Plans, Specifications, Cost Estimates & Construction Services	Massachusetts Department of Public Works 100 Nashua Street Boston, Massachusetts 02114	1983	$2,400	100%
mestown Bridge mestown, Rhode Island	General Consultants for $100,000,000 New Bridge	State of Rhode Island Department of Transportation State Office Building Providence, RI 02903		$100,000	100%
irmount Avenue Bridge ston, Massachusetts	Type study, Preliminary and Final Design for Highway and Bridge, Contract Plans, Specifications, Cost Estimates & Construction Services	Massachusetts Department of Public Works 100 Nashua Street Boston, Massachusetts 02114	1984	$1,700	100%
rvard Square Rapid ansit Station, Red Line nbridge, Massachusetts	Engineering for Electrical, Structural, Mechanical and Civil Engineering related to Permanent and Interim Construction including Construction Staging, Surface and Street Restoration	Massachusetts Bay Transporta-Authority 50 High Street Boston, Massachusetts 02110	1983	$70,000	60%

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsibld
ewife Station/Garage/ nnel, Red Line mbridge, Massachusetts	Engineering for Electrical, Mechanical, Structural and Civil Engineering related to 2000 car parking garage and Transit Station including street restoration, access roads and reconstruction of Alewife Brook Parkway	Massachusetts Bay Tranportation Authority 50 High Street Boston, Massachusetts 02110	1984	$80,000	85%
spection of f-System Bridges ate of New Hampshire	Initial Field Inspection and Analysis of 750 Bridges, Record findings, Provide written summaries of recommended actions	New Hampshire Department of Public Works and Highways Morton Building Concord, New Hampshire 03301	1982	$600	100%

Provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Sverdrup & Parcel (S & P) is a nationally known professional services organization which provides engineering, architecture, planning, construction management, and operations services to government, commercial, institutional, and industrial clients. The firm has a history of more than 45 years of service to state, and federal agencies.

Since 1928, S & P has devoted major effort to the planning and design of transportation and public works facilities of all kinds, with particular emphasis on highway and railroad facilities. This work has included conceptual studies, preliminary and final design, environmental work, construction surveillance, and condition inspection services.

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: _____

Date:

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-4.1101

STANDARD FORM (SF) 255
Architect-Engineer Related Services for Specific Project

OMB Approval No. [illegible]-R0235

1. Project Name / Location for which Firm is Filing:

Harborside Project, East Boston, MA

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Harris Miller Miller & Hanson Inc.
183 Bedford Street
Lexington, MA 02173

3a. Name, Title & Telephone Number of Principal to Contact

Carl E. Hanson, Vice President (617) 863-1401

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

1 Administrative	___ Electrical Engineers	___ Oceanographers	1 Airport Noise/ Architectural Acoustics
___ Architects	___ Estimators	___ Planners: Urban/Regional	1 Airport Noise/ Industrial Noise
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	1 Airport Noise/ Motor Vehicle Noise
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	1 Rail Transportation Noise
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	5 Total Personnel
___ Draftsmen	___ Landscape Architects	___ Structural Engineers	
___ Ecologists	___ Mechanical Engineers	___ Surveyors	
___ Economists	___ Mining Engineers	___ Transportation Engineers	

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

N/A

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Nicholas P. Miller

b. Project Assignment:

Noise Specialist

c. Name of Firm with which associated:

Harris Miller Miller & Hanson Inc.

d. Years experience: With This Firm 1 With Other Firms 8

e. Education: Degree(s) / Year / Specialization

BS, 1966 Mechanics
MS, 1974 Mechanical Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Nicholas Miller is one of the co-founders of HMMH after eight years experience in the surface transportation and airport planning groups at Bolt Beranek and Newman Inc. While at BBN, Mr. Miller worked on many assignments involving noise impact on urban renewal and site redevelopment projects. For the BRA, Mr. Miller performed the noise impact assessment for the North Station Urban Renewal Project. In East Boston, he was in charge of the noise impact assessment of the Bird Island Flats project for Massport.

a. Name & Title:

Dr. Carl E. Hanson

b. Project Assignment:

Noise and Vibration Specialist

c. Name of Firm with which associated:

Harris Miller Miller & Hanson Inc.

d. Years experience: With This Firm ½ With Other Firms 20

e. Education: Degree(s) / Years / Specialization

BS 1965 Aeronautical Engineering
MS 1967 Mechanical Engineering
PhD 1970 Acoustics/Ocean Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Prior to joining HMMH, Dr. Carl Hanson served for nine years as group leader of surface transportation noise consulting services at Bolt Beranek and Newman Inc. In this capacity, he worked on and supervised noise and vibration impact assessment for urban redevelopment projects throughout the country. This experience included the Housing for the Elderly on Atlantic Avenue, North End Boston (traffic noise), Faculty Housing at Rockefeller University, New York City (helicopter plus traffic noise), and a site development in Hyde Park (Boston) along AMTRAK's right of way (train noise).

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) North Station Urban Renewal Project Noise Impact Analysis	Noise Assessment (Individual experience)	Boston Redevelopment Authority 1 City Hall Square Boston, MA 02210	1980	$ 75	$ 3
(2) Bird Island Flats East Boston, MA	Noise Assessment (Individual experience)	Massachusetts Port Authority 99 High Street Boston, MA 02110	1981	$250 (approx) Environmenta study)	$ 87
(3) Noise Surveys at Five Naval Air Stations (Phase I)	Noise Assessment	Naval Facilities Engineering Command Headquarters Alexandria, VA	1982	N/A	$120
(4) Analysis of Noise Rules Hanscom AFB	Noise Assessment	Massachusetts Port Authority 99 High Street Boston, MA 02110	1983	N/A	$ 36
(5) Noise Abatement and Land Use Planning for Douglas Municipal Airport, Charlotte, NC	Noise Assessment	Douglas Municipal Airport Charlotte, NC	1982	N/A	$100 (FY 82)
(6) Noise Exposure on Planned Development in Vicinity of Toronto International Airport	Noise Assessment	Ronto Development Company Willowdale, Ontario, Canada	1982	N/A	$ 35
(7) Housing for the Elderly Atlantic Avenue (Water-front Park) Boston, MA	H.U.D. Noise Assessment (Individual experience)	Ausonia Associates (Knights of Columbus) Brockton, MA	1978	$ 30 (Noise and Air Quality)	$ 15
(8) Chemung County Airport Master Plan - New York	Noise Portion	J. R. Crenshaw and Associates Falls Church, VA	1982	$ 35	$ 4
(9) Noise and Vibration Section of the Environmental Impact Assessment MBTA Red Line Extension	Noise and Vibration Assessment	Sverdrup & Parcel Associates 225 Franklin Street Boston, MA	1978	N/A	$ 30
(10)					

9. All work by [redacted]s or Joint Venture members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
Five Naval Air Stations	Noise Surveys	Naval Facilities Engineering Command Headquarters Alexandria, VA	90	$120	$120

Harris Miller Miller & Hanson Inc. (HMMH) was formed to provide high quality consulting services in environmental noise and vibration assessment and control. The firm was founded in 1981 by Andrew S. Harris, Robert L. Miller, and Nicholas P. Miller. Dr. Carl Hanson joined the founding group in 1982. The principals have worked together for the past eight years in the airport planning and surface transportation groups at Bolt Beranek and Newman Inc. (BBN) in Cambridge. Brief summaries of their experience are included below:

Andrew S. Harris has 19 years of experience in environmental noise control and architectural acoustics. The primary focus of his efforts has been airport noise assessment and control. Mr. Harris is President of HMMH.

Robert L. Miller has ten years of experience in assessment and control of noise in transportation and industry. His experience also includes five years in the U. S. Air Force where he was an F102 pilot. He has a commercial license and instrument rating.

Nicholas P. Miller has nine years of experience in the assessment and control of transportation noise and in regulatory acoustics. He has worked for the past four years on airport-related noise and vibration problems. Earlier experience includes heat transfer engineering and design of equipment for fluid mechanics research.

Carl E. Hanson has 20 years experience in noise and vibration control engineering. His projects have been primarily in the areas of rail and highway transportation, offshore oil platforms, buildings and structures. He has also worked in the areas of regulatory acoustics, aerodynamic and hydrodynamic sound generation and structural dynamics.

HMMH is primarily involved in airport noise projects at the present. The firm owns three complete sets of noise monitoring instrumentation for site assessments and maintains in-house facilities for computer analysis. Large computer programs for airport and highway noise prediction are run on commercial time-share systems accessed directly from our offices.

11. The foregoing is a statement of facts.

Signature: Carl E. Hanson Typed Name and Title: Carl E. Hanson - Vice President

Date: 13 December 1982

CBT/Crane Associates

Urban Planning and Design
Project Feasibility and Master Planning
Development Management

306 Dartmouth Street, Boston, Massachusetts 02116, Telephone 617-451-5880

15 December 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

re: Boston Harborside Masterplan

Dear Mr. Ryan:

We are pleased to respond to your "Request for Letters of Interest and Qualifications" for services to provide a Master Plan and Development Plan for the 56-acre East Boston site of Massport Piers 1-5. The program is a challenging and logical step for the City, the Redevelopment Authority and the East Boston community. We offer our compliments to those who were responsible for developing this action-oriented plan.

This submission of interest, approach, qualifications and commitment is made by CBT/Crane on behalf of our project team. We have assembled this team of highly reputable and experienced firms specifically for the Phoenix Streetscape Project. In addition to CBT/Crane the team includes: The Codman Company; Metcalf & Eddy, Inc.; S.G. Associates, Inc.; the TRANSPO Group; L. G. Copley Associates and G. L. Wey Consultants.

The team has the depth of experience required by this project in Urban Design, Planning, Architecture, Landscape Architecture, Developments, Financial Feasibility, Marketing, Engineering and most importantly - experience in "making it work". That is, we want the product of this proposed work effort to be positive action, rather than a report and some drawings that sit on a shelf. The revitalization of Lowell, Massachusetts, stimulated by the National Cultural Park work by David Crane's office is a good example of projects that are implementation oriented. We are confident that we can work with you to make this program a catalyst that will increase the already positive growth that is evident in the East Boston Waterfront Area.

Directors
David A. Crane FAIA, AICP • President Richard Jay Bertman AIA • Treasurer Anthony B. Casendino ASLA Maurice F. Childs NCARB Charles N. Tseckares AIA

We are enthusiastic about this opportunity to galvanize all the people who are interested in the revitalization of East Boston. They can focus their independent efforts with a consistent positive image of the potential for an enhanced and alive urban area. We know it can work. With everyone's help, it <u>will</u> work!

One of the key team members who can make the project a reality is the Codman Company. Ed Haddad has worked with CBT/Crane on several projects, most recently the 399 Boylston Street-Warren Chambers offices and retail building. He has worked on similar projects to the East Boston site, most notably Hoosac Pier and the Naval Shipyard in Charlestown. He also has worked on the Bird Island Flats project in East Boston. Mr. Haddad's company has a depth of experience in development, financial feasibility and marketing derived from having to "put themselves on the line" as principal developers in many cases.

In the 255 form, 254 form and project descriptions that follow, we will describe some important parts of the process we will use to help you make it work. Thank you for this opportunity.

Sincerely,

Maurice F. Childs

Maurice F. Childs, NCARB

MFC:md

enclosure

255 Architect-Engineer Related Services for Specific Project	East Boston Harborside Project Masterplan and Development Plan	*Commerce Business Daily* Announcement Date, if any: N/A	Number, if any: Boston Redevelopment Authority

Firm (or Joint-Venture) Name & Address

CBT/Crane Associates
306 Dartmouth Street
Boston, MA 02116

3a. Name, Title & Telephone Number of Principal to Contact
Maurice F. Childs, Director (617) 451-5880
David A. Crane, President
(617) 451-5880

3b. Address of office to perform work, if different from Item 3

Same

Personnel by Discipline:

11 Administrative	0 Electrical Engineers	0 Oceanographers	
22 Architects	0 Estimators	4 Planners: Urban/Regional	
0 Chemical Engineers	0 Geologists	0 Sanitary Engineers	
0 Civil Engineers	0 Hydrologists	0 Soils Engineers	
3 Construction Inspectors	1 Interior Designers	1 Specification Writers	
8 Draftsmen	5 Landscape Architects	0 Structural Engineers	
0 Ecologists	0 Mechanical Engineers	0 Surveyors	
0 Economists	0 Mining Engineers	0 Transportation Engineers	65 Total Personnel

If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

Not Applicable

Has this Joint-Venture previously worked together? ☐ yes ☐ no

Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

e & Address	Specialty	Worked with Prime before (Yes or No)
Codman Company, Inc. 211 Congress Street Boston, Massachusetts 02110	Development, Financial Feasibility Demography and Marketing	yes
Metcalf & Eddy, Inc. 50 Staniford Street Boston, MA 02114	Engineering and Environmental	yes
S.G. Associates, Inc. 316 Stuart Street Boston, MA 02116	Transportation and Traffic Planning	yes
The TRANSPO Group, Inc. 23 - 148th Avenue SE Bellevue, WA 98007	Water based transportation, ferries, terminals, marinas	yes
L.G. Copley Associates 10 Bowers Street, P.O. Box 91 Newtonville, MA 02160	Acoustical and Vibration Engineering	yes
G.L. Wey Engineering Consultants Columbus Avenue P.O. Box 1432 Oak Bluffs, MA 02557	Harbor Engineering Consulting	yes

Name & Title: [redacted]urice F. Childs, Principal

Project Assignment:
Principal-in-charge

Name of Firm with which associated:
CBT/Childs Bertman Tseckares & Casendino Inc.

Years experience: With This Firm 14 With Other Firms 8

Education: Degree(s) / Year / Specialization
Amherst College, B.A., cum laude, 1954
Massachusetts Institute of Technology, M. Arch. 1960

Active Registration: Year First Registered/Discipline
('64 Mass.), ('68 Maine), ('70 N.J.), ('69 Conn.), ('72 VT, NH), ('74 NY, RI).

Other Experience and Qualifications relevant to the proposed project: Mr. Childs, a founding partner of CBT has had twenty years of experience in architecture, urban planning and project management responsible for keeping projects constantly on track and within both fee and construction budget.

Mr. Childs has been principal-in-charge of many multi-discipline projects requiring site planning, architecture, community participation and management skills. These include: • Alper Office Building, Framingham, MA. • Wilbur Theatre Office Building, Boston, MA. • First National Bank of Boston, Framingham, MA. • Central Artery North Development, Charlestown, Mass. • Mr. Childs personally directed the design and developed the Community Development Plan, Guidelines for Restoring the Townscape of Charlestown, MA • He was the principal in charge and designer for the Long Wharf Hotel Developer Proposal on Boston Harbor.

a. Name & Title: Anthony B. Casendino, Principal

b. Project Assignment:
Principal - Community Participation

c. Name of Firm with which associated:
CBT/Childs Bertman Tseckares & Casendino Inc.

d. Years experience: With This Firm 7 With Other Firms 8

e. Education: Degree(s) / Years / Specialization
University of Rome, Italy, Certificate in Arch., 1961
Cornell University , College of Architecture, B.A., 1960

f. Active Registration: Year First Registered/Discipline
Architecture, 1969, Massachusetts
Landscape Architecture, 1969, Massachusetts

g. Other Experience and Qualifications relevant to the proposed project: Anthony B. Casendino was an honor graduate of Cornell University, College of Architecture, where he received the AIA Medal and was elected to Tau Beta Pi, Honorary Society for architects and engineers. He was the recipient of a Fulbright Award in Architecture to Italy, and received a Certificate in Architecture from the University of Rome.

He is a Registered Architect and Registered Landscape Architect in Massachusetts and a member of the Urban Land Institute and the American Society of Landscape Architects. He was chief landscape architect, Boston Redevelopment Auth. He has been in charge of the following projects: • Otis Air Force Recreational Study, Mass. • Steamboat Springs Recreational Com., Colorado. • Wollaston Beach Revitalization, Mass. • MBTA Replacement Transit Improvement Study, Mass. • No. Quincy Transit Landscaping, Mass. • Pine Bluff Village, Salisbury, Maryland. • Shipyard Park, Charlestown, Mass.

a. Name & Title: David A. Crane President	a. Name & Title: Gordon B. King Senior Urban Designer/Planner
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated: CBT/Crane Associates	c. Name of Firm with which associated: CBT/Crane Associates
d. Years experience: With This Firm 1 With Other Firms 30	d. Years experience: With This Firm 1 With Other Firms 6
e. Education: Degree(s) / Year / Specialization BA/1974/Davidson College/Liberal Arts B.Arch./1950/Georgia Institute of Technology M.C.P./1952/Harvard Univ./Urban Design, City Planning	e. Education: Degree(s) / Years / Specialization M.C.P./M.Arch.A.S./1979/M.I.T./Urban Design B. Arch./BA.1976/Rice University/Urban Design
f. Active Registration: Year First Registered/Discipline 1961, Architecture	f. Active Registration: Year First Registered/Discipline 1980 American Institute of Certified Planners (AICP)
g. Other Experience and Qualifications relevant to the proposed project: During his professional career since 1951, Mr. Crane has been associated with distinguished architectural and urban development achievements, in public service, education and in private practice. • He has been the chief principal in his own firms since 1965. • He has created successful civic, professional, and community organizations; developed downtown revitalization and community development plans; prepared innovative new community and transportation planning projects as well as multi-use downtown project planning. • Recently, he has completed major urban redevelopment action plans for downtown revitalization and project packaging in U.S. cities including Greenville, SC, Charleston, SC, and Milwaukee, WI. • He has participated in the international leadership and growth of urban design as a key sub-field of the planning professions' thoroughly recognized contributions as an educator, lecturer, writer and practicing professional.	g. Other Experience and Qualifications relevant to the proposed project: Mr. King's career combines strong professional experience with a distinguished academic background in architecture and urban planning. • He has had prime responsibility in a variety of revitalization projects involving urban design and mixed-use programming. • His experience in participatory planning in matters that concern the physical environment provides him with the ability to expedite program planning. • Mr. King has a strong background in projects relating to urban mass transit and all aspects of housing development, including financing. Mr. King is a member of the research staff at Massachusetts Inst. of Technoloty, in its Urban Planning Program, and has worked for architecture and planning firms in the U.S. and abroad since 1970. • More recently, he has served in a consulting capacity in a variety of urban planning problems including public school system facility planning, school closings, public housing modernization and redevelopment, and community economic development and neighborhood revitalization.

ame & Title:

oseph M. Stichter, ASLA, Associate

oject Assignment:

roject Manager/Landscape Designer

ame of Firm with which associated:

BT/Childs, Bertman, Tseckares & Casendino

ars experience: With This Firm 4 With Other Firms 16

ducation: Degree(s) / Year / Specialization

enn State, B.S., Landscape Architecture, 1962

ctive Registration: Year First Registered/Discipline

Registered Landscape Architect

her Experience and Qualifications relevant to the oposed project: Joe Stichter has had past affiliation th Harvard U. Graduate School of Design as a Research visor in tropical and sub-tropical planting with a par- cular knowledge of native plantings in Dade County, orida in his work on the Hammock Development Project. He has had extensive experience in landscape architec- re, both as a Designer and a Project Manager of land- ape and urban design projects. Joe has been responsible r project management, design, interoffice coordination, ndscape construction, documents, specifications, and pervision of various projects, not only in the U.S., but so in Europe, and has been in the field of landscape chitecture for 20 years.

Projects in which Mr. Stichter has been involved while CBT include:

(continued on other side)

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Reconstruction of the Central Artery, Charlestown, MA
Shipyard Park at the Charlestown Navy Yd Hoosac Pier, Bost.
Holyoke Heritage State Park
White Cliffs, Plymouth, MA
Revere Beach, Revere, MA
Boston Harbor Islands
Lowell Pawtuckett Canal, Lowell, MA

Experience at other offices:

Army COE King Khalid Military City, Saudi Arabia

Hammock Community Development Project (worked together with Joe Anglin, presently of Glatting, Sellen, Lopez Anglin, Inc. on design and construction), Dade County, Florida, 1974-75.

Name & Title: Alan A. Schoenegge, Associate

Project Assignment:
Project Architect

Name of Firm with which associated:
T/Childs Bdrtman Tseckares & Casendino Inc.

Years experience: With This Firm 10 With Other Firms 8

Education: Degree(s) / Year / Specialization
rnell University, B. Arch., 1961
iversity of Maryland, European Division
st Graduate Study in German Language

Active Registration: Year First Registered/Discipline
chitecture, 1967 New York
chitecture, 1977 Massachusetts

Other Experience and Qualifications relevant to the proposed project: Mr. Schoenegge, a Registered Architect, rned his architectural degree at Cornell University. He s experience in all phases of architectural practice in- uding design, working drawings, structural, mechanical d electrical coordination, specification writing and eld supervision.

. Schoenegge has been a Project Manager for numerous rge-scale building projects. He is experienced in coor- nating with the required consultants, meeting agency and de requirements, and keeping the project on schedule and thin budget constraints. Mr. Schoenegge was Project nager and responsible for the design and working drawings r the following projects at CBT: • One Winthrop Square, ston. • The Academy Building in Fall River, MA • 21 rchants Row, Boston. • The U.S. Custom House in ovidence, Rhode Island.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Name & Title:
Edward R. Haddad, Chairman of the Board

Project Assignment:
Development, Financial Feasibility & Marketing

Name of Firm with which associated:
The Codman Company, Inc,

Years experience: With This Firm 18 With Other Firms ___

Education: Degree(s) / Year / Specialization
Boston Latin School. Graduated in 1955
Boston University. Graduated with AB in 1960
N.Y.U., Grad. studies in Marketing and Statistics '60-'62

Active Registration: Year First Registered/Discipline
National Association of Real Estate Brokers
Greater Boston Real Estate Bd.; Rental Housing Assoc.
Instit. of R.E. Mgt.; Dir., Malmart Mortgage Co.

Other Experience and Qualifications relevant to the proposed project: Mr, Haddad, a founding principal of The man Company, Inc., has had 18 years experience with the m as Vice President, President and Chairman of the Board ving in Investment Property, Residential, Industrial and elopment Divisions. His supervisory and management lls have been key factors in the growth and diversifica- n of The Codman Company. During his years as President, supervised and expanded the marketing and development nsulting services of the Company, establishing a new bsidiary company, Codman Management Co., Inc. Mr Haddad s been responsible for the following relevant feasibility jects:

Bird Island Flats
Hoosac Pier
Revere Beach Development
399 Boylston Offices (Warren Chambers Building)
o White Cliffs, Plymouth
o Charlestown Navy Yard

a. Name & Title: Lawrence A. Bianci, President

b. Project Assignment:
Development, Financial Feasibility & Marketing

c. Name of Firm with which associated:
The Codman Company, Inc.

d. Years experience: With This Firm 18 With Other Firms ___

e. Education: Degree(s) / Years / Specialization
Tufts University, 1955
U.S.Marine Corps - Lieut.

f. Active Registration: Year First Registered/Discipline
Greater Boston Real Estate Board, Vice-Chairman, Comm. to Prepare the Standard Commercial Lease + Commissione, Boston Landsmarks Commission; Chairman, Industrial Development Financing Authority

g. Other Experience and Qualifications relevant to the proposed project: Has been a major force in the Boston commercial real estate market and has personally leased 4,000,000 square feet of office space. A specialist in major land assemblages - has put together the Keystone Building, Dewey Square Tower, initiated development of Riverfront Office Park in Cambridge. Became president of the Codman Company in 1973.

ame & Title:
chard L. Ball, Vice President and Director
lanning Division

oject Assignment:
oject Director

ame of Firm with which associated:
tcalf & Eddy, Inc.

ars experience: With This Firm 18 With Other Firms 1

ducation: Degree(s) / Year / Specialization
E/1962/Water Resource Engineering
S/1962/Civil Engineering
/1958/Physics

ctive Registration: Year First Registered/Discipline
erican Institute of Certified Planners

ther Experience and Qualifications relevant to the
roposed project:
Vice President and Director of the firm's Planning and
Engineering Group, Mr. Ball holds overall responsi-
y for the firm's professional services in, municipal
ommunity planning, regional planning, environmental
t analyses, conservation and recreation planning and
ity design, community development, and land/site plannin
h 20 years of planning experience, Mr. Ball has directed
r plans for 30 communities and 8 regions, 75 environ-
l assessments, and more than 50 planning projects.
ionally he has managed a wide variety of environmental
t programs for military, industrial, and municipal
nts.

a. Name & Title:
Edward M. Greco, Project Manager

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
Metcalf & Eddy, Inc.

d. Years experience: With This Firm 6 With Other Firms 11

e. Education: Degree(s) / Year / Specialization
BS/1962/Civil Engineering

f. Active Registration: Year First Registered/Discipline
1968/Professional Engineer

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Greco develops and conducts projects involving marine facilities, geotechnical and foundation engineering, including corrosion surveys, piling evaluations, test borings, laboratory and field soil tests, and construction inspection services. He has extensive experience in the field of marine and pier construction, grouting studies and has conducted numerous geotechnical investigations as well as designing the repairs and supervisory related construction work. His work includes: Project Manager for bulkhead rehabilitation of Hoosac Pier in Charlestown, MA; geotechnical evaluation of foundation studies in Long Wharf area for the New Haven Redevelopment Agency, Connecticut; evaluation of existing timber piling for a relieving platform and waterfront structure in Brooklyn, N.Y. For this project, Mr. Greco assisted in the design of additional structures such as steel bulkheads and cofferdam as well as corrosion protection for those structures.

a. Name & Title:

Robert W. Watson, Landscape Architect

b. Project Assignment:

Project Landscape Architect/Planner

c. Name of Firm with which associated:

Metcalf & Eddy

d. Years experience: With This Firm 8 With Other Firms 7

e. Education: Degree(s) / Year / Specialization

BS/1967/Landscape Architecture
AE/1962/Architectural Engineering

f. Active Registration: Year First Registered/Discipline

1969/Landscape Architect

g. Other Experience and Qualifications relevant to the proposed project:

r. Watson has had extensive experience in the planning and sign of master plans and landscape architectural projects. has developed master plans for major facilities such as mmunities, redevelopment areas, marinas, beaches and sports cilities. Recently he completed the conceptual master plan r Newtown and Ledyard, CT; Nantasket Pier in Hull, MA; ndscape design for restoration of historic John Harvard ll, Charlestown, MA; design for rehabilitation of portions the Amoskeag Millyard in Manchester NH. Additional pro- cts include design of a new Monument Plaza in downtown minster, MA; extensive recreation facilities design in leboro, MA; Ledyard, CT; and Newtown, CT; and master plan velopment for the Green Harbor Basin, Marshfield, MA; and, the reuse of portions of the Plymouth, Massachusetts erfront.

a. Name & Title:

Ronald J. Bourgea, Project Engineer

b. Project Assignment:

Project Civil Engineer

c. Name of Firm with which associated:

Metcalf & Eddy

d. Years experience: With This Firm 17 With Other Firms 2

e. Education: Degree(s) / Years / Specialization

BS/1968/Civil Engineering
AS/1961/Civil and Highway Engineering

f. Active Registration: Year First Registered/Discipline

1975/Professional Engineer

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Bourgea has extensive experience in site planning and engineering design. His responsibilities include evaluation and design for utilities, traffic control, roadways, parking facilities, water resources, solid waste disposal, taking into consideration present and future projections of needs. In addition, he has experience in development of land use concepts and development of site preparation costs for budgetary purposes.

Project experience include:

- Rehabilitation of Nantasket Pier in Hull Massachusetts.
- Thirty-acre Downtown Dover, New Hampshire Redevelopment Project, including design and services during construction of new and reconstructed streets, traffic control, parks, utilities, street landscaping and parking facilities.
- Revere Beach Redevelopment Project, including a mixed land use infrastructure master plan.

Name & Title:
Mark H. Johnson, Civil Engineer

Project Assignment:
Project Civil Engineer

Name of Firm with which associated:
Metcalf & Eddy

Years experience: With This Firm 4 With Other Firms 1

Education: Degree(s) / Year / Specialization
BS/1977/Civil Engineering

Active Registration: Year First Registered/Discipline
1982/Registered Professional Engineer

Other Experience and Qualifications relevant to the proposed project:
r. Johnson has been involved in projects in the fields of
l and site planning. His work has included the prepara-
n of master plans, preliminary designs, contract docu-
ts for construction, and construction cost estimates.
contributed to designs for streets and utilities for the
skeag Millyard Rehabilitation Project in Manchester, New
pshire. He completed civil designs for: the reconstruc-
n of three bridges in the Town of Smithfield, Rhode
nd, which included extensive roadway approach work,
lity relocation, and new drainage; and preliminary
neering studies for providing roadway access to an
strial park in Watertown, Massachusetts. Mr. Johnson
also been involved in the extensive utilities inven-
y and preliminary design for the Boston Central Artery
ject.

a. Name & Title:
W. Peter Evans, Electrical Engineer

b. Project Assignment:
Electrical Engineer

c. Name of Firm with which associated:
Metcalf & Eddy

d. Years experience: With This Firm 10 With Other Firms -

e. Education: Degree(s) / Year / Specialization
BS/1972/Electrical Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Evans is responsible for lighting; power generation, transmission and distribution; motor control systems, communications systems; alarm systems; and instrumentation. He has prepared feasibility studies and reports, performed cost-effectiveness analyses, and prepared preliminary and final designs for recreational facility lighting, redevelopment projects, treatment plants, pumping stations and industrial buildings.

Among the projects to which Mr. Evans has applied his recreational lighting skills are community rehabilitation at Amoskeag Millyard, Manchester, N.H., which involved ornamental street and park lighting; and designs for the lighting of recreation and park facilities in Attleboro and Marlboro, MA. He designed the pedestrian walkway & parking area lighting for the Vane Street project in Quincy, Massachusetts.

me & Title: ll E. Scott	a. Name & Title: Robert J. Reimold, Technical Specialist
oject Assignment: oject Planner	b. Project Assignment: Biologist
me of Firm with which associated: tcalf & Eddy	c. Name of Firm with which associated: Metcalf & Eddy
ars experience: With This Firm 14 With Other Firms 1	d. Years experience: With This Firm 1 With Other Firms 20
ucation: Degree(s) / Year / Specialization /1968/Civil Engineering A/1976/Urban Finance and Economics	e. Education: Degree(s) / Years / Specialization PhD/1968/Biology (Marine Sciences) MA/1965/Biology BA/1963/Biology
tive Registration: Year First Registered/Discipline erican Institute of Certified Planners	f. Active Registration: Year First Registered/Discipline
her Experience and Qualifications relevant to the oposed project: Ms. Scott has been involved in the preparation and ination of various planning studies. This planning has included master plans; environmental assessments mpact statements; portions of comprehensive plans such pulation, land use, utilities, recreation and conserva- and zoning; regional planning; transportation/traffic es; noise assessments; fiscal analyses; and capital vements programs. Ms. Scott's relevant project experience includes: ination and writing of a complete master plan report nion County, New Jersey; and completion of a prelimin- eport and terms of reference for a wastewater master study for Cali, Columbia.	g. Other Experience and Qualifications relevant to the proposed project: Dr. Reimold joined Metcalf & Eddy as a Technical Specialist with over 15 years experience in coastal education and research. He has designed, secured funding and operated an estuarine education project in coastal Georgia. These efforts resulted in the construction of a handicap barrier free interpretive boardwalk over salt marsh and tidal areas near Brunswick, GA. Used by townspeople and tourists, the facility is self guided; interpretative with wayside exhibits to explain tides, plants, animals, and man's uses/abuses of the estuarine ecosystem over the years. Dr. Reimold has also developed components of a "Seashore Museum" being built in the Southeast, creating trails and wayside exhibits, short boardwalks over the salt marsh and estuarine waters, and supporting graphic material for effective adult education. He has had similar experience in the design of interpretive centers for coastal ecology near Berry's Creek, NJ; Sapelo Island, GA; Cumberland Island, GA; and St. Croix, USVI. In addition, he has experience in the design and construction of artificial salt marsh habitat as well as artificial recreational fishing reefs, in NJ; NC; GA; FL; TX; and OR.

me & Title:

nald R. Fiore, Structural Engineer

oject Assignment:

ructural Engineer

me of Firm with which associated:

tcalf & Eddy

ars experience: With This Firm 1 With Other Firms 9

ucation: Degree(s) / Years / Specialization

/1979/Civil Engineering
/1970/Civil Engineering

tive Registration: Year First Registered/Discipline

975/Professional Engineer

her Experience and Qualifications relevant to the
oposed project:

his capacity as structural engineer at M&E, Mr. Fiore's assignments have included the design for the rehabilitation of the Nantasket Pier in Hull, Massachusetts and the ural evaluation of the Hoosac Pier for the Massachusetts uthority, Charlestown, Massachusetts. He was previously ivil engineer for the U.S. Coast Guard, First Coast District where he was responsible for design, management, uction supervision and contract administration of and shore work. Primary duties include the planning, , specification writing and preparation of basic bid nts for new construction and maintenance work. Other sibilities include preparation of project proposals, estimates and funding requests, unit inspections, ural load rating, assimilation of field data, construc- nspection and authorization of payment for contract

7. [redacted] of Resume of Key Persons, Specialists, and Individual Consultants Anticipated t

a. Name & Title:
John R. Risitano, Geotechnical Engineer

b. Project Assignment:
Project Engineer

c. Name of Firm with which associated:
Metcalf & Eddy, Inc.

d. Years experience: With This Firm 5 With Other Firms 1

e. Education: Degree(s) / Year / Specialization
BS/1973/Chemical Engineering
MS/1975Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Risitano has experience in planning, coordinating and supervising subsurface inspections; performing project geotechnical design; writing technical specifications; and participating in construction as a resident engineer. Recent projects include: timber pile foundation design for a force main crossing of Salem Harbor, MA.; auger cast-in-place concrete pile design for seawall in Scituate,MA.; study of vibroflotation of insitu soils for a water tank in Plymouth MA.; and participation in dam safety inspections for the Corps of Engineers. Prior to joining Metcalf & Eddy, Mr. Risitano was a Safety Engineer for the U.S.Dept. Of Labor, Occupational Safety, and Administration, Boston, MA. He conducted safety and health inspections in the construction industry with special emphasis on trenching and excavations.

Name & Title:

George L. Wey, P.E., Principal

Project Assignment:

Consultant

Name of Firm with which associated:

G.L. Wey Engineer Consultants

Years experience: With This Firm 5 With Other Firms 47

Education: Degree(s) / Year / Specialization

B.S. Engineering, University of Illinois, 1930

Soil Mechanics Course at M.I.T., 1933

Active Registration: Year First Registered/Discipline

Registered professional engineer

Other Experience and Qualifications relevant to the proposed project:

Mr. Wey has extensive knowledge of Boston Harbor and its facilities. He was Chief Engineer for the Port of Boston Authority and its successors, the Port of Boston Commission and the Mass. Port Authority from 1946 to 1964. During this period he was responsible for short and long range port expansion planning and the design and installation of piers, transportation and storage facilities. The design and construction of pier rehabilitation activity and shore protection structures was also accomplished by Mr. Wey. As Director of Mass. Bureau of Transportation Planning & Development, from 1964 to 1972, Mr. Wey was responsible for state wide highway and rapid transit planning.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Name & Title:

Marvin Golenberg, Principal

Project Assignment:

Principal-in-Charge

Name of Firm with which associated:

SG Associates

Years experience: With This Firm 5 With Other Firms 13

Education: Degree(s) / Year / Specialization

BSCE, Washington University, 1963
MSCE, Purdue University, 1966
Certificate in Transportation Studies, Northwestern U.

Active Registration: Year First Registered/Discipline

Registered Engineer, Maine

Other Experience and Qualifications relevant to the proposed project:

ntown Crossing circulation plan development, traffic im- t analysis, bus and traffic operations analysis, and ign of intersection and signal improvements

ntown circulation plan and mall development, Lewiston, ME

town transportation system planning - Reston, Virginia Canberra, Australia

fic and transportation impact studies and functional gn for various development projects.

onage estimation and demand analysis for public trans- ation

tional street design

ic signal operations analysis

a. Name & Title:

Jane Algmin Howard, Associate

b. Project Assignment:

Project Manager (SG)

c. Name of Firm with which associated:

SG Associates

d. Years experience: With This Firm 2 With Other Firms 7

e. Education: Degree(s) / Years / Specialization

Cornell University, 1969 B.A.
University of Rhode Island, 1973, M.C.P.

f Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

- o Project manager for SG traffic and transportation impact studies, parking analyses for International Center in Washington, D.C., and for South End Technology Square development and University Hospital expansion in Boston.
- o Former BRA transportation planner for East Boston; conducted parking studies, traffic circulation studies.
- o Analyzed trip generation, traffic impacts, parking supply for numerous downtown developments in Boston
- o Responsible for goods movement and circulation issues for Boston's Downtown Crossing and the Howard Street Transit Mall in Baltimore
- o Formerly responsible for water transportation issues at BRA; studied harbor ferries, prepared grant application for Long Wharf
- o Coastal zone planning experience - Long Island Sound St...

ne & Title:
Greggory Lantos, Transportation Planner

ject Assignment:
Planner

ne of Firm with which associated:
SG Associates, Inc.

rs experience: With This Firm 2 With Other Firms 3

cation: Degree(s) / Year / Specialization
versity of New Hampshire, M.A., Economics with
ecialization in economic analysis
versity of New Hampshire, B.A. in Business Administration.

ve Registration: Year First Registered/Discipline

er Experience and Qualifications relevant to the
osed project:

fic impact analysis for Downtown Crossing fringe area
ovements in Dewey Square, Boston;

ing demand analysis for South End Technology Square
ce and hotel development and for University Hospital
nsion

ge pricing structure cost/revenue analysis;

onage estimation for public transportation service

omic analysis of public transportation service with
ect to fare structure, operating costs, service levels.

a. Name & Title:
Joseph P. Savage, Jr., Principal

b. Project Assignment:
Expert Advisor, Water Transportation

c. Name of Firm with which associated:
The Transpo Group

d. Years experience: With This Firm 5 With Other Firms 6

e. Education: Degree(s) / Years / Specialization
Florida State University, B.S., Engineering Science, 1971

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

- Manager of ferry system project for Washington State Ferry system, including Puget Sound passenger ferry system, Bremerton Ferry Terminal, Seattle ferry terminal; also Juneau, Alaska ferry terminal
- Expertise in ferry system patronage and revenue forecasts
- Has conducted environmental impact assessments for development projects, specifically waterfront developments, marinas.
- Experienced with specifics on traffic generation, parking demand arising from marina uses.

ame & Title:

Lawrence G. Copley
Senior Consultant

roject Assignment:

ame of Firm with which associated:

L.G. Copley Associates

ears experience: With This Firm 12 With Other Firms 10

ducation: Degree(s) / Year / Specialization

.E. /1959/ Mechanical Engineering
h.D./1965/ Applied Physics

ctive Registration: Year First Registered/Discipline

P.E. / 1968/ Mechanical Engineer

ther Experience and Qualifications relevant to the roposed project:

oise control engineering from 1967 - present.
ll aspects of transportation & industrial
oise control and architectural acoustics.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Project (List not more than 10 Projects)

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Development Plan East Boston, MA	Master Planning Urban Design	Community Development Corp. 144 Meridian Street East Boston, MA	1972	$20,000	$20,000
Boston Inner Harbor East Boston, MA	Urban Design Study	Community Development Corp. 144 Meridian Street East Boston, MA	1975	$21,000	$21,000
Hoosac Pier Development Study Charlestown, MA	Feasibility Study Architecture Urban Design Master Planning	Elliot Friedman Massport 99 High Street Boston, MA	1980	$15,000	$15,000
Newburyport Redevelopment Newburyport, MA	Architecture Site Planning Urban Design Initial Planning	Newburyport Redevelopment Authority Newburyport, MA	1971	$ 5,000	$ 5,000
Shipyard Park Charlestown, MA	Landscape Design Contract Documents Construction Supervision	Mr. David Weiner Boston Redevelopment Auth. Boston, MA	1980	$ 4,000	$ 4,000
Central Artery Project Charlestown, MA	Urban Design, Landscape Architecture, Architecture, Community Liaison	Mass. Dept. of Public Works 100 Nashua Street Boston, MA	1990	$160,000	$4,000,000 (landscape)
Charlestown Visitor Reception & Transit Center Charleston, SC	Land Assembly, Urban Design, Programming and Schematic Design, Community Participation	Meetingplace Associates & City of Charleston, SC	1981	$ 30,000	Entire
Milwaukee Brewery District Action Plan Milwaukee, WI	Master Planning, Urban Design, Public Improvements, Planning, and Development Strategy	Department of City Development Milwaukee, WI	1981	45	Entire
Greenville Central Area Action Plan Greenville, SC	Central Area Action Urban Design, Select Project Programming and Prel.Design.Comm.Partic.	Greenville Central Area Partnership 111 N. Main Street Greenville, SC 29601	1981	160	Entire
Medford-Pine In-town New Community Atlanta, GA	Strategic design, planning, urban design and prototype res/mixed use	Park-Central Communities, Inc. and Central Atlanta Progress, Inc., Atlanta, GA 30303	1974	250,000	Prelimin. Design

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Hoosac Pier Boston, MA	Marketing	Massport Authority Boston, MA	Unknown	$9,000,000	$9,000,000
Bird Island Flats East Boston	Marketing	Macomber Development Boston	1984	$20,000,000	$20,000,000
Sears Point Brewster, MA	Marketing	Brewster Associates Newport, RI	1984	$10,000,000	$10,000,000
White Cliffs Plymouth, MA	Marketing and Consulting	Thomas Boyle Lowell, MA	1981	$30,000,000	$30,000,000
399 Boylston Street Boston, MA	Marketing and Development	Boylston Associates Boston, MA	1984	$27,000,000	$27,000,000
Revere Beach Revere, MA	Marketing and Consulting	North Beach Associates Boston, MA		$20,000,000	$20,000,000
The Warren Chambers Building Boston, MA	Marketing and Development	Boylston Associates Boston, MA	1983	$ 7,000,000	$ 7,000,000
Charlestown Navy Yard Charlestown, MA	Marketing and Development	Charlestown Navy Yard Assoc. Boston, MA	Unknown	$15,000,000	$15,000,000
Ballard Vale Park Wilmington, MA	Marketing	Fazza Assoc. Braintree, MA	1983	$20,000,000	$20,000,000
North Woburn Industrial Center Woburn, MA	Marketing	Prudential Insurance CO. Boston, MA	1982	$ 6,000,000	$ 6,000,000

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Pier and Bulkhead Restoration and Rehabilitation Studies Hoosac Pier, Charlestown, MA	Prelim. design of the remedial repairs and conceptual design for long-term repairs of Hoosac Pier	Massachusetts Port Authority East Boston, MA	1982	3,700	3,700
Comprehensive Study on Combined Sewer Overflows in Charles River Basin and Impact on Boston Harbor	Conducted flow and measurement program and computer modeling of major sewerage networks. Recommendations for alternative improvements.	Metropolitan District Commission Boston, Ma.	1981	65*	65*
Owls Head Environmental Treatment Plant Brooklyn, NY	Design for improvements for several waterfront structures inc. pier, bulkhd, relieving platform	New York City Dept. of Environment Protection New York	1984	9,017	9,017
Nantasket Pier Rehabilitation Project Hull, MA	Design and construction services for improvements to Nantasket Pier	Mass. Dept. of Environmental Quality Engineering One Winter St., Boston, MA	1983	500	500
Green Harbor Basin Marshfield, MA	Pier & mooring improvements, feasibility study & conceptual master plan cost estimates	Marshfield Planning Board Marshfield, MA	1975	25*	25*

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Watchung Reservation Environmental Assessment Union County, New Jersey	Environmental assessment and conceptual master plan for 2,000 acre regional recreation area conducted by Metcalf & Eddy	Union County Park Commission Union County, New Jersey	1982	115	115
Freshwater Pond Renewal Project Enfield, Connecticut	Plng. des. & con. serv. for improvement of streets, util., parks & rec. areas incl. a river front walkway	Town of Enfield Enfield, Connecticut	1978	1,750	1,750
John Harvard Mall Historic Restoration Boston, Massachusetts	Design & con. serv. for rehab. incl. ornamental pavement & walkways, gas light., rec. equip. & landscape	City of Boston Boston, Massachusetts	1978	316	316
New England Aquarium Boston, Massachusetts	Design of concrete pile support for Pavillion walkway & future addition of Aquarium.	Downtown Waterfront Corp. Boston, Massachusetts	1974	900	900
City of Boston, MA. Comprehensive Sewer System Study	Comprehensive study to define near & long term capital improvement needs. Study includes inventorying, mapping & economic and demographic evaluations & projections	Boston Water & Sewer Commission Boston, Massachusetts	1984	3,290	3,290

ject Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	Date (actual or estimated)	Entire Project	Work for which Firm was/is responsible
ffic circulation analysis Downtown Crossing eway bus operations	Development of accurate traffic projections, analysis of alternative schemes in Dewey Square area.	Boston Redevelopment Auth. Boston, MA	12-82	18	18
ffic impact and parking lysis for South End hnology Square, Boston	Parking demand analysis, impact assessment, circulation plan development	South End Technology Square Associates, Boston, MA	12-82	10	10
ffic and transportation act study for International Center, Washington, D.C.	Traffic impact study for EIS for major mixed use development - offices and chanceries	U.S. Department of State Washington, D.C.	6-81	150	28
king study, University pital expansion	Analysis of parking demand of new hospital bldg,; effect of lot elimination on area parking supply	University Hospital, Inc. Boston, MA	11-82	5	5
alysis of Downtown ssing expansion, ton, MA	Traffic analysis and functional design for expansion options	City of Boston Traffic and Parking Department Boston, MA	11-80	8	8
ward Street Transit Mall timore, MD	All traffic engineering, transportation planning, bus operations planning for 12 block transit mall	Interstate Division for Baltimore City, Baltimore, MD	9-83	184	140
ffic and transit operas planning and functional Van Ness Metro Station, ton, D.C.	Impact analysis, parking analysis, and design for transit joint dev't	Prudential Properties, Inc. Capitol Planning Group Washington, D.C.	6-80	150	20
t 120th St. Station ocation Study, Cleveland o	Analysis of alternative station locations - ped. and auto access, bus oper., circulation.	Greater Cleveland Regional Transit Authority Cleveland, OH	6-81	45	45
ton National Historic Transportation Study	Analysis of travel demand of visitors, modes, use of public transportation	U.S. Department of the Interior, National Park Service Denver, CO	1980	18	18
timore CBD - Downtown sportation Study	Forecasts of travel demand due to development; options for transportation and policy guidance.	Baltimore Department of City Planning, Baltimore, MD	3-83	40	40

ect Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands) Entire Project	Work for which firm is responsible
orage & Maintenance ty Planning Manual nal	Prepare manual on methodology for conducting bus depot location studies and planning activities within the garages.	Urban Mass. Transportation Administration Washington, DC	8	150	120
Economics of Public ortation (National)	Conduct research on future funding sources for public transportation in U.S.	Urban Mass. Transportation Administration Washington, DC	20	85	30
e & Methods Pricing tration Program Develop- Assistance (National)	Analyze costs and effects of establishing employer based transit pass programs	Urban Mass. Transportation Administration: Office of Service & Methods Demonstration - Washington, DC	70	150	125
pment of Planner oks for the Urban ortation Planning (National)	Preparation of a guide and three case studies on subarea local planning methodology	Federal Highway Administration Washington, DC	40	330	280
tion of Hardware and s Development and tration Projects nal)	Research into social and economic effects of New Bus Equipment Introduction Program	U.S. Department of Transportation, Transportation Systems Center, Cambridge, MA	10	200	175

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands) Entire Project	Work for which Firm was/is responsible
Snohomish Subregional Transportation Study Snohomish County, WA	Medium range multimodal transportation plan.	Snohomish Subregional Council Puget Sound Council of Govts.	June 1981	262.3	151.0
Bellevue Long Range Transportation Planning Study	Development of auto, HOV, transit, parking, and nonmotorized plans.	City of Bellevue Bellevue, WA	Oct. 1981	79.5	79.5
Bellingham CBD Circulation Plan	Citywide analysis for the Bellingham CBD	City of Bellingham Bellingham, WA	Dec. 1978	40.0	40.0
Redmond Downtown Circulation Plan & Signal System Design	Signal System Design for downtown Redmond	City of Redmond Redmond, WA 98052	Dec. 1979	45.0	45.0
Auburn Transportation Study	Citywide transportation plan w/emphasis on auto and transit modes	The City of Auburn Auburn, WA	June 1981	50.0	20.0
Alderwood Mall Traffic Impact and Circulation Analysis	Planning & circulation studies for proposed regional shopping center	Allied Stores Box 12510 Seattle, WA 98111	July 1978	15.0	15.0
Fauntleroy Ferry Study	Planning for long and short term improvements to the Fauntleroy ferry terminal.	Washington State Dept. of Transportation Olympia, WA 98504	April 1981	65.0	39.5
Bremerton Ferry Terminal Design	Analysis of loading & traffic circulation characteristics of the proposed Bremerton Ferry Terminal Redesign	Washington State DOT Toll Facilities Division Olympia, WA 98504	Dec. 1979	150.0	70.0
SR 520 HOV Study	Development & evaluation of alternatives to increase person-carrying capacity	Washington State DOT Olympia, WA 98504	May 1978	45.4	45.4
Metro Park-Ride	Planning & preliminary design for 25 park-ride lots in the King County region.	Metro Transit 821 Second Avenue Seattle, WA 98104	Aug. 1979	25.0	25.0

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands) Entire Project	Work for which Firm was/is responsible
I-93 Somerville, MA Noise Abatement & Beautification	Acoustical Consult.	Mass. Dept. of Public Works	1978	43	
Logan Airport Noise Study Logan Airport Boston, MA	Expert Testimony	City of Boston	N/A		5
Red Line Rapid Transit Subway Extension (Harvard-Davis)	Acoustical Consult.	Mass. Bay Transport. Authority	1980	300	
Weir River Marina Noise Impact Analysis Hull, MA	Acoust. Consult.	DEQE - Division of Waterways 100 Nashua St., Boston	N/A		5
MBTA Substation "Wonderland" Revere, MA	Acoust. Consult.	Mass. Bay Transport. Authority	1982		2
U.S. Coast Guard Engineering & Maintenance Facility: Boston, MA	Acoust. Consult.	U.S. Coast Guard -D.O.T. Boston, MA	1983	598	5

OVERVIEW

The potential of the Boston waterfront has already become a reality. Only a few people could have envisioned its present bustling life twenty years ago. Its success is based on both public and private investment.

In the past few years, events have taken place in East Boston that can trigger a renaissance of its waterfront. The area has been the subject of much study in recent years by a variety of interests as to its future use. The BRA's agreements with Massport and the East Boston Project Advisory Committee will lead to a masterplan to create development opportunities for its ultimate use.

The North Ferry Waterfront Park, Jeffries' Point Park, 400 unit Maverick Housing Project, Heritage Apartments and Victory Gardens are recent construction activities that herald a new revitalization of the waterfront. Because of our work on the General Development Plan, the adjacent NDP II site for the East Boston Community Development Corporation,and working with the residents of Neptune road as consultants to Massport we are very familiar with the community and are enthusiastic about working toward on this exciting project.

The East Boston Harborside project can be an exciting catalyst that will allow East Boston to reach its potential.

Planning and Urban Design

It might be said that urban design is architecture at an expanded scale. This study will require an understanding of the interrelationship between the forms that will be placed on the East Boston Harborside site as well as with the broader context of the waterfront area. It will be necessary to coordinate planning efforts with the City's agencies and with the community's objectives.

Adjacent Uses

We recognize that the Harborside project will be one element within a very large context, and its interrelation with all adjacent uses is most important to recognize. The consultant must be prepared to represent and serve the Redevelopment Authority's interests, while at the same time making sure that the project does not create negative impacts on the objectives of adjacent uses.

Community Involvement

We recognize that the East Boston community has strong feelings and concerns about the waterfront. As design options evolve, the community will feel even more involved and concerned to ensure that the development criteria responds to their community objectives.

Sensitivity to this need will be of paramount importance. It will include participatory design, community involvement, and communication. The people will care deeply about this development.

CBT has had a long, successful history of community participation efforts in assisting to resolve these concerns in many of Boston's neighborhoods. Of particular importance is our involvement with the East Boston community at the present time. These specific involvements are indicated above in the overview and project descriptions with the 254 forms. We will be prepared to work with and assist the Authority in this regard.

Intimate Knowledge of the Area

There are a variety of major projects that have an impact

The foregoing is a statement of facts.

Date:

Signature: _____ Typed Name and Title:

0. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

n this site. Our team is heavily involved in many of hem. This state of involvement brings our knowledge o a very high level regarding many of the relevant issues ur "point of departure" in working on this project is well dvanced.

evelopment, Financial Feasibility and Marketing

ne of the key team members that can make the project reality is the Codman Company. Ed Haddad has worked ith CBT on several projects, most recently the 399 oylston Street - Warren Chambers Offices and retail uilding. He has worked on projects similar to the ast Boston Site, most notably Hoosac Pier and the aval Shipyard in Charlestown. He also worked on the ird Island Flats project in East Boston. Mr. Had-d's company has a depth of experience in Develop-nt, Financial Feasibility and Marketing derived from aving to "put themselves on the line" as principal evelopers in many cases.

evelopment Kits

n order to invite excellent competition for the de-elopment of project parcels, heavy reliance may be laced on the quality of the "developer's kit". We e prepared to develop appropriate packages if the uthority requests this service. The "kit" must be oncise, precise, convincing, and flexible enough to rture creative thinking. It must convince the best veloper that this is a "do-able" project in all pects. A developer spends tremendous effort and ney during this stage, and quality developers always y to determine whether the deal is "do-able" or rely an academic exercise.

e CBT/Crane team has been on both sides of the table this issue. We have developed kits for public encies as well as for competitors responding to them. a result, we fell we are particularly qualified in derstanding the real needs of both the Authority and potential competotors.

As soon as a qualified developer senses that it may prove to be an academic exercise, they will not compete; thus, the Authority would lose good competitiveness for proposals. This will be perceived as the most important product of this effort and it must be able to satisfy your established objectives.

Unique Physical Problems in Waterfront Development

Bulkheads, soils, subsurface investigations and foundation conditions are of particular importance to waterfront development. Materials are subject to faster rates of deterioration than similar structures inland because of exposure to salt water, spray and salt air.

We have assembled a team of specialists who are especially qualified in Waterfront work.

The foregoing is a statement of facts.

Date:

ature:

...any additional information or description of resources supporting your firm's qualifications for the proposed project

TRANSPORTATION PLANNING

The following points address transportation related issues connected with the East Boston Harborside development site:

Traffic Access

- Traffic access is a primary concern as related to the development site, both because of the potential traffic which will be generated by the development itself, and because of the access problems faced by the Jeffries Point community in general. The harbor tunnel mouth is considerably to the east of the site, and the railroad cut provides a further barrier. Only three bridges, at Porter, Maverick and Sumner Street, cross the railroad, and the intersecting streets are narrow. Considerable on-street parking exacerbates the problem.

The community has valid concerns that circulation to and from the site is legible, and that traffic, particularly any trucks, does not cause negative impacts of air pollution, congestion, and noise, by travelling on the neighborhood streets. SG Associates has extensive experience in developing creative solutions to these types of problems, which minimize impacts on residential streets. While the use of the railroad cut itself has been proposed as a long range option for vehicular access, careful attention must be paid to how this solution would relate to the tunnel mouth, the local streets, the site itself, and any third harbor crossing options.

Marine & Boatel

The feasibility of the marina uses and the market for the "boatel" are important issues. The issue of providing a public landing in Boston Harbor has been discussed for many years; this would be a good site. Marina uses are more of an unknown in terms of traffic generation and parking demand than residential, industrial or hotel uses. The experience of the Transpo group with marina feasibility studies, parking studies, and traffic impact studies will be very helpful in this area.

Passenger Ferry Service

- The issue of passenger ferry service must be considered in terms of:

  1) role of the ferry in alleviating traffic generated by site;
  2) role of site population in providing a market for the ferry service; and
  3) the landside demands a ferry would generate in terms of parking and pickup/dropoff traffic. A look at the "hide and ride" parking around Maverick Station dictates that this is a real concern.

  The experience of Transpo in dealing with ferry service, particularly in relation to neighborhoods near the terminal, will again be helpful here.

Access to Transit

- Access to transit - Maverick MBTA Station - is a final concern. The bus service today does not serve the waterfront; expanded service to the new site must be examined. SG Associates has investigated similar problems in the South End Medical Area, and proposed appropriate feeder bus operations.

Depth of Experience

- The professional transportation planners and engineers of SG Associates and the Transpo Group are well equipped to address the access, circulation, impact evaluation

The foregoing is a statement of facts.

Signature: _____ Typed Name and Title:

Date:

and design issues involved with the East Boston pier development, as well as the specialized issues related to ferry services, terminal location and design, and marina operations, feasibility and impacts. SG Associates has extensive experience in traffic impact analysis related to development projects, and in street and circulation system design in a variety of settings.

Mr. Marvin Golenberg, Principal in charge for SG has offered creative and successful solutions to complex street design problems, and was responsible for the successful Downtown Crossing circulation scheme. His master planning experience includes transportation system design for the new towns of Reston, Virginia and Canberra, Australia. Ms. Jane Algmin Howard, the SG Project Manager, was responsible during her employment with the Boston Redevelopment Authority for neighborhood transportation planning services in the East Boston community, where she worked with community groups to protect residential streets from bypass traffic generated by bridge deck repairs, analyzed airport noise and parking issues, and conducted parking studies in the four commercial districts. In addition, she has analyzed traffic and parking issues for numerous downtown developments, including Park Plaza, Lafayette Place, Copley Place and South Station. At BRA, she also had responsibilities for water transportation issues, and assisted in preparation of the successful grant application for the Long Wharf Park. Ms. Howard also has experience in coastal zone planning; she coordinated an award winning study on Shoreline Appearance and Design for the Long Island Sound Regional Study, and participated in a study of the impacts of boating and marina development on the Chesapeake Bay in Maryland.

Mr. Greggory Lantos, Transportation Planner, is experienced in estimating traffic and parking

...project...'s qualifications for the proposed project

demand generated by new development, in conducting analysis of parking supply and rate structure scenarios, and in estimating public transit patronage under various fare structures and levels of service. For expert advice in the areas particular to water transportation, we will call on Joseph P. Savage of the Transpo Group in SEattle. Mr. Savage's experience in this area includes patronage estimates for ferry service, fare structure, operations and costs, terminal design, marina feasibility and design, and the analysis of the traffic and parking impacts of marina facilities. In addition, Mr. Savage can provide insight into the possible impacts of ferry terminal commuter traffic on the Jeffries' Point community.

...e foregoing is a statement of facts.

...ure: _____ **Typed Name and Title:** _____ **Date:**

Metcalf & Eddy has provided engineering consulting ervices to municipal and government clients throughut the United States and abroad for more than 5 years. The Firm's S.F. 254 demonstrates this xtensive experience. Over the past 20 years, etcalf & Eddy has broadened its capabilities to ecome truly multi-disciplinary; capable of proiding master planning and design services for wide range of public works projects. The full cope of support disciplines needed to carry out he East Boston Harborside Project is available n our Boston headquarters.

The professional training, experience, size nd braod diversity of the staff, plus the firm's hysical facilities, enable Metcalf & Eddy to offer omplete professional engineering and planning ervices for all types and sizes of projects. rief descriptions of the specialized groups hich provide the relevant services for the roposed project follow.

nvironmental Engineering Division

Within the Environmental Engineering Diviion is a group of professionals expert in the ields of landscape architecture, civil engineering, planning and the biological sciences. ndscape architectural and engineering design ervices have been provided for parks and ecreation development; redevelopment including terfront and business districts; transrtation, including highways, bridges and airrts; industrial park development; and other blic works projects. Additional services nclude: site planning; community planning; astal management studies; environmental sessments; impact statements; and other ecialized planning and engineering consultations.

Geotechnical Department

Metcalf & Eddy's Geotechnical Department is comprised of soil, foundation and materials engineers, geologists and hydrogeologists. Relevant activities of the department include monitoring of quality control on earthwork, concrete construction, asphalt construction and pile installation; slope stabilization; design of revetments and seawall foundations and subsurface investigations.

Architectural Department

The Architectural Department staff specializes in the design of economical and functional structures for various engineering projects including marine transportation facilities such as terminal and maintenance buildings.

Structural Department

The Structural Department, consisting of professional structural engineers and draftsmen, undertakes the design of rehabilitation of piers, bulkheads, buildings and stadiums, rehabilitation and replacement of gravity concrete seawalls, prestressed concrete structures, plain and reinforced masonry structures, transportation, communication, treatment and various other facilities. The department played a major role in Metcalf & Eddy's design for repairs to the Scituate, Massachusetts seawall, damaged in the Blizzard of 1978.

Electrical Department

Electrical engineers design power generation systems with main transformers and switchgear; electric distribution systems; and the electrical components of process engineering, building service, and alarm and security systems. The staff specializes in rate studies for municipal and industrial utilities, design of general or specialized electric services for new or existing buildings, and

. The foregoing is a statement of facts.

Date:

poature:

Typed Name and Tit

lighting for airports, highways, and parking areas. Safety, reliability, functional stability and economy are stressed and considerations are made for future expansion and maintenance with minimum shutdown.

In order to enhance Metcalf & Eddy's capabilities relative to the proposed master planning of the East Boston Harbor Side project, we have invited a consultant to participate on the project with us.

G. L. Wey Engineering Consultants, a Minority Business Enterprise, provides professional engineering services on a variety of assignments dealing with waterfront structures. Since its beginning in 1977, some of this firm's clients have included the Massachusetts Port Authority and the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority.

The firm is led by Mr. George Wey, who will be the principal consultant to Metcalf & Eddy on this project. Mr. Wey was Chief Engineer of the Port of Boston Authority from 1946 to 1964 during which time the original Hoosac Pier was constructed. His knowledge of and experience with waterfront devlopment in Massachusetts, both from a technical design point of view and an administration point of view, is unmatched. And his particular knowledge of the Hoosac Pier will be extremely valuable in the conduct of this project. Mr. Wey's full resume was presented in the previous section 4 on staffing.

CAPACITY OF THE FIRM TO ACCOMPLISH THE CONTEMPLATED WORK

Key members of the Metcalf & Eddy design team will be available for assignment to this project on a full-time basis immediately upon award of contract. This key staff will be the nucleus of the work effort throughout the life of the project. Support personnel will be assigned to the project as required or as the work effort intensifies.

G. L. Wey Engineering will function as a consultant to the project planning team on an as needed basis.

East Boston

Metcalf & Eddy has extensive experience in the East Boston area particularly in the vicinity of the proposed project. Metcalf & Eddy conducted a feasibility study for Massport on the enlargement of the Bird Island Flats area by the reclamation of some 200 acres of tidal flats. Extensive geotechnical investigations were conducted to characterize the soil profile of the area. Bird Island itself was found to be a glacially deposited hill surrounded by marine clays. Proposed strucures were positioned so the foundations would bear on the firm glacial deposits while lighter loads of roadways and open storage were located over the soft clay deposits.

Metcalf & Eddy's experience in East Boston has also included projects for the Metropolitan District Commission and the Boston Water and Sewer Commission involving wastewater collection systems and combined storm overflows.

Boston Redevelopment Authority - Mass Port

Metcalf & Eddy prepared an environmental impact statement for the South Station Urban Renewal Project. The work included evaluations of a major transportation and development project including rail and rapid transit

. The foregoing is a statement of facts.

Date:

gnature: _____ Typed Name and Title:

10. Use this spa[illegible] provide any additional information

mprovements, office and retail buildings, a arking garage, and street and highway improve- ents. The study also involved an assessment of ocioeconomic and aesthetic impacts on estab- ished urban areas.

Metcalf & Eddy has conducted a number of aterfront and geotechnical related projects or Mass Port. The Bird Islands Flats roject is mentioned under the East Boston rea heading. Metcalf & Eddy has recently ompleted an extensive investigation for the hort-term and long-term rehabilitation of oosac Pier in Charlestown, Mass. The study nd design involved a detailed geotechnical and ier investigation as well as a thorough ondition survay of the sheet piling, timber iles, relieving platform, and fender systems. he design process included recommendations or short-term or remedial repairs as well as n analysis of long-term repair/protection ystems for the existing sheet piling and timber iles. Samples of the timber piles were xamined and tested for marine borer attack.

Waterfront Considerations

The waterfront engineering studies involved in the preparation of the master plan and development plan for the project would include:

1. Detailed review of existing reports and studies on the condition of the piers.

2. Inspection of the existing piers and containment systems.

3. Conduct of necessary field and laboratory tests to evaluate the present conditions of the piers.

4. Determination of alternate protection systems for the long-term rehabilitation of the facility.

5. Conceptaul design of alternate support systems.

6. Conceptual designs of proposed pier, bulkhead and containment systems including economic evaluations for cost effective solutions.

7. Evaluation of environmental impacts relating to demolition, pile driving, sandblasting, epoxy coatings, welding, concreting, construction noise, dust control and sediment control.

8. Development of techniques and procedures to mitigate impacts of the proposed construction on the harbor environment.

Foundations of Proposed Structures

The backland area of the proposed project is comprised of poor to fair soil conditions that will affect the type, location, and costs for proposed structures. The necessary geotechnical studies to evaluate these conditions would include:

a. Review of available soils and geologic information.

b. Drilling soil test borings at selected locations.

c. Performing soil tests on representative samples.

11. The foregoing is a statement of facts.

Date:

Signature:

Typed Name and Title:

10. Use this spa [illegible] provide any additional information or description of resources [illegible]

d. Developing soil profiles characterizing material types, thicknesses and strength properties.

e. Conducting geotechnical analyses on proposed pile and foundation types.

f. Determining cost effective approaches to foundation, building, roadways, and utility construction.

Acoustics & Vibration

L.G. Copley Associates has extensive experience in the assessment of environmental noise impacts related to proposed future projects as well as existing conditions that relate directly to the Boston Harborside project. We have done a study for the City of Boston on Logan Airport Noise.

Many of these projects have involved extensive community participation, and L.G. Copley Associates has been successful in establishing credibility with the local residents in spite of existing hostility toward some of the projects.

1. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: Richard L. Ball, Jr. Vice President

Date: 12/14/82

CityDesign

CityDesign Collaborative, Inc.
334 Boylston Street
Boston, MA 02116
617/536-1331

Urban Design
Architecture
Landscape Architecture
Planning
Graphic Design

Randolph Jones,
President
John W. French
Steven A. Heikin
Richard A. List
Carol Monacelli
John R. Shields

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

Re: East Boston Harborside Master Planning Consultant Services

Dear Mr. Ryan:

CityDesign Collaborative, Inc. in association with RKG Associates, Inc. and CE Maguire, Inc., is pleased to respond to your solicitation for Master Planning Consultant services for the East Boston Harborside project. CityDesign is a multi-disciplinary firm with a broad range of master planning, landscape and urban design skills and experience relevant to this exciting and highly visible project. For the Harborside project, we propose to augment our core staff with additional special expertise in the appropriate economic analysis and engineering disciplines. Richard K. Gsottschneider, principal of RKG Associates, Inc., brings to the team his broad experience in economic feasibility and market analysis for a wide variety of public and private clients in the region, including the BRA. CE Maguire's extensive credentials across the spectrum of engineering and planning include the new Charles River Dam Complex, and for the BRA, the recent series of neighborhood parks developed in the South End. CE Maguire also offers extensive experience in port and harbor development relevant to the subject project.

CityDesign Collaborative, Inc. (CDC) will act as Prime Consultant for the Harborside project. With Randolph Jones as Principal-in-Charge and Steven Heikin as Project Manager, CDC will be responsible for overall project coordination, client and neighborhood liaison, interface with public agencies, master planning and the overall design and production components of the project.

CDC offers recent, relevant experience in large-scale master planning and urban/landscape design efforts. We have recently completed preliminary design for the $2.7 million Springfield Heritage State Park, and final design for the $3 million Holyoke Heritage State Park and Visitor Center. The latter Park is now under construction, with CityDesign providing construction supervision services. Both projects have waterfront elements, and for both projects, CityDesign successfully managed large consultant teams. Other relevant master planning/landscape/waterfront design experience of CDC principals includes:

- a recently completed Master Plan Study for the Bass River area of Beverly, MA, including increased utilization of and public access to an underdeveloped urban waterfront area;

- a marina development concept plan and feasibility study for the Weir River in Hull, MA;

- downtown revitalization studies for Putnam, CT, Milford and Methuen, MA, and an open space and development plan for East Arlington, MA;

- a recent industrial area revitalization plan for Somerville's Boynton Yards, and a just-initiated Waterfront revitalization study for Chelsea's "Industrial Triangle";

- design of a major public esplanade and waterfront development project on the Delaware River at Penn's Landing, Philadelphia, PA;

- feasibility study and preliminary design for the Norwalk Maritime Center, a $25 million museum/educational complex on the Norwalk Riverfront, including a $2.3 million site landscaping and river edge development program;

- landscape design and rehabilitation of a number of neighborhood parks and playgrounds, including facilities in Beverly, Methuen, Newburyport, Peabody, and Arlington, MA; and

- a wide variety of urban streetscape/landscape improvement projects, including the $13 million Lawrence Intown Revitalization program.

Richard K. Gsottschneider, principal of RKG Associates, Inc.(RKG), will be responsible for the market analysis and economic feasibility components of the Master Plan. He has worked frequently with CityDesign in this capacity, incuding participation in the recent Bass River Master Plan Study, the Downtown Putnam Revitalization and Implementation Plan, and the Lawrence Development Plan. A particular focus of Mr. Gsottschneider's work is on establishing realistic implementation targets and mechanisms. His clients, in addition to the BRA, have included the World Bank, the Philadelphia Industrial Development Corporation (for a reuse study of the Frankford Arsenal on that City's waterfront), and many of the area's Community Development Departments.

Full engineering services for the project team will be handled by CE Maguire, Inc. (CEM), including the disciplines of civil, marine, structural, geotechnical, and traffic engineering as required. In addition to their work at the Charles River Dam and in the South End, relevant CEM experience in the area includes the development of a major new marina in Bourne, and extensive improvements along the Connecticut River in Middletown, CT. CEM's background in Master planning for both urban, industrial, and waterfront development sites and their expertise in traffic engineering and roadway design provides further depth for the project team.

The attached SF 254/255 forms and corporate qualifications describe the experience of the project team in greater detail. In addition to the past experience we can bring to the project, however, we believe there are a number of other factors which make the CityDesign team especially well qualified for the Harborside project:

- We are used to dealing with sensitive design and development issues and know how to achieve a balance between the sometimes conflicting demands of the public and private sectors -- including issues of access and security. Although we already possess a preliminary understanding of the issues involved in East Boston, our real ability to get to the heart of these issues lies in our ability to ask the right questions and to <u>listen</u> to the involved actors.

- We have established working relationships within the consultant team -- we have all worked together before -- which we believe will allow us to short-cut the preliminary organizational process, get the project up-to-speed quickly and efficiently, and keep it moving with direct and frequent communication among all parties.

- CityDesign maintains full in-house graphic design capabilities, ensuring the quality of our printed products, which have included a variety of developer's kits (such as the Bird Island Flats kit for Massport) and other real estate and marketing publications, as well as publications for the City (NDEA) and Massport. These capabilities may be very useful in attracting qualified developers once a parcellizaton and development strategy is determined for Harborside.

This project site presents an almost unique set of opportunities with an equally hefty set of constraints. Terrific, close-in location offset by terrible access. Great view offset by high noise levels. A major, cleared development parcel -- but one which will compete with other comparable parcels at various points around the Harbor. Substantial water frontage -- but in deteriorated condition with potential major infrastructure and site preparation costs.

From a development perspective, the opportunity here is consistent with a pattern of transition from water-dependent uses to water-enhanced uses. Massport has obviously recognized this trend away from uses with which the Authority is directly concerned in its planned dispositon of the site. Successor uses which are enhanced by a waterfront location -- especially one with such dramatic views -- must, however, compete in a tight market and an uncertain financial climate. The opportunity here seems to demand a unique blend of uses -- residential, office, retail, marina -- which set Harborside apart from competing locations while remaining sensitive to the East Boston neighborhood which will be primarily impacted by new development.

In summary, this project is a major design challenge at a key location on the Boston Harborfront. It is a real opportunity to demonstrate the viable coexistence of private development and public access along our urban waterfronts. It demands an ability to integrate substantial growth with a cohesive, traditional neighborhood context. We would very much like to be part of the team that defines and meets this challenge in East Boston.

CityDesign

We look forward to your review of the attached qualifications and to an opportunity to present our credentials and approach to you and your staff in person. Feel free to call if you have any questions.

Sincerely yours,
CITYDESIGN COLLABORATIVE, INC.

Steven A. Heikin, AIA
Vice President

lab
Enclosure

STANDARD FORM (SF)

255

Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

Master Planning Services
East Boston Harborside Development
East Boston, MA

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

Boston Redevelopment Authority

3. Firm (or Joint-Venture) Name & Address

CityDesign Collaborative, Inc.
334 Boylston Street
Boston, MA 02116

3a. Name, Title & Telephone Number of Principal to Contact

Randolph Jones, AIA, President (617)536-1331
Steven A. Heikin, AIA, Vice President (617)536-1331

3b. Address of office to perform work, if different from Item 3

---

4. Personnel by Discipline:

3 Administrative	___ Electrical Engineers	___ Oceanographers	1 Graphic Designer
5 Architects	___ Estimators	___ Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
3 Draftsmen	2 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	14 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: Attach SF 254 for each if not on file with Procuring Office.)

6a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

(Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) CE Maguire, Inc. 60 First Avenue Waltham, MA 02254	All Engineering Disciplines	yes
2) RKG Associates, Inc. Durham Point Road Durham, NH 03824	Economic/Market Analysis	yes

Name & Title:

Randolph Jones, President , AIA

Project Assignment:

Urban Designer /Principal-in-charge

Name of Firm with which associated:

CityDesign Collaborative, Inc.

Years experience: With This Firm 2½ With Other Firms 10

Education: Degree(s) / Year / Specialization

Bachelor of Architecture/1967/U. Washington
Master of Architecture/1973/U. Pennsylvania
Master of City Planning/1973/U. Pennsylvania

Active Registration: Year First Registered/Discipline

1976, Architecture

Other Experience and Qualifications relevant to the proposed project: Mr. Jones is an architect and urban designer who has directed numerous planning and design projects in the Boston region, including the Medford Square Improvement Program, a $4 million program including a transit mall, new ring road, surface parking and a garage for 400 cars. He has also been extensively involved with the MBTA's Red Line, having served as the Community Liaison Director for the Northwest Extension and as associate-in-charge of the $4.5 million station modernization program for Broadway and Andrew Stations. Prior to joining CityDesign, he was the project urban designer for the Penn's Landing, a major waterfront development in Philadelphia.

ng a Title:

Steven A. Heikin, Vice President

ject Assignment:

Project Manager/Urban Designer

ne of Firm with which associated:

City Design Collaborative, Inc.

rs experience: With This Firm 2½ With Other Firms 10

ucation: Degree(s) / Year / Specialization
A./1967/University of Pennsylvania/Biology
Arch./1971/Yale University
C.P. in Urban Design/1975/Harvard University

ive Registration: Year First Registered/Discipline

74/Architecture

er Experience and Qualifications relevant to the posed project: Mr. Heikin is an architect and urban design- with experience in multi-use development, environment- analysis and urban public space planning. Mr. Heikin s been project manager for the Norwalk Maritime nter feasibility and development study. The project, cated on the Norwalk Riverfront, includes a maritime seum, aquarium, 400 car mixed-use garage and major site provements, such as new bulkheading and marina facil- es. Mr. Heikin is also responsible for the East Arl- ton Development and Open Space Study, for the Town Arlington, Massachusetts, involving the assessment of ernative development strategies and their impacts for of Arlington's last major available development par- s, and the design of new recreation spaces being devel- d in conjunction with the MBTA Red Line extension.

the Town of Hull Redevelopment Authority, Mr. Heikin 1979 developed a conceptual plan and development pro- cess strategy for a proposed Weir River Marina. This $2.75 million facility would be the focus of a multi-million dollar joint-use development on filled land behind a new bulkhead, including a hotel/restaurant, retail space and housing. Mr. Heikin provided design review services for the same client's Central Area Renewal project.

Mr. Heikin has been project Urban Designer for the Medford Square Improvement Program, encompassing the design and construction documentation of new parking, a pedestrian/ transit mall and a structured parking facility for 300 vehicles involving joint development of commercial space at grade. For this project, Mr. Heikin's responsibilities included preparation of Corridor Planning Study, Environmental Assessment/Basic Design Report and Section 106 and 4(F) reports.

Prior to coming to CDC, Mr. Heikin provided a set of urban design guidelines and a development concept plan for the historic waterfront and Fish Flake Hill area of the City of Beverly, Massachusetts. More recently, he directed a Master Planning Study of Beverly's Bass River, including proposals for increased public access to and use of an industrial waterfront area.

n R. Shields, Vice President	a. N[illegible] & Title: Bruce E. Leish, Associate ASLA
ect Assignment: an Designer/Site Planner	b. Project Assignment: Landscape Architect/Planner
e of Firm with which associated: yDesign Collaborative, Inc.	c. Name of Firm with which associated: CityDesign Collaborative, Inc.
s experience: With This Firm 2½ With Other Firms 11	d. Years experience: With This Firm 1 With Other Firms 1
cation: Degree(s) / Year / Specialization sters Degree/1974/Harvard University/City Planning Urban Design chelor of Architecture/1969/Georgia Tech/Architecture	e. Education: Degree(s) / Years / Specialization Master in Landscape Architecture/ Harvard U. Master in City & Regional Planning/1982/Harvard U. Bachelor of Arts/1971/Clark U./Geography (Magna Cum Laude)
ve Registration: Year First Registered/Discipline '5 Architecture	f. Active Registration: Year First Registered/Discipline ---
r Experience and Qualifications relevant to the osed project: Mr. Shields is an Architect and Urban Designer and was previously in charge of planning and design for the development of an urban national cultural k in Lowell, MA. This was a multi-disciplinary effort pling historic and cultural preservation with neighhood revitalization and adaptive reuse of underutild structures. He was responsible for open space tems design, which focused on the extensive canal tem and waterfront parks along the Merrimack River. directed downtown revitalization efforts in Lawrence, Plans include street improvements, pedestrian ways, ade treatments, and open space design along the hisic canal system. He is Principal-in-Charge of a ilar project in Weymouth, MA. Shields is currently serving as Principal-in-Charge he $3 million Heritage State Park in Springfield and $4 million Holyoke HSP and Visitor Center.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Leish has a strong interest in urban design & Historic preservation. Among the landscape architecture & planning projects he has participated in: The Park Plaza (soon to be constructed in Boston's Park Square), the Gateway Quincy Office Center, IBM's and Digital Corporation's headquarters, the US Coast Guard maintenance facility in Boston's North End, the Firehouse Block in Concord, NH, handicap access to the Roscoe Pound Building of the Harvard Law School, an open space plan for the Town of Marlboro, MA. At CityDesign, Mr. Leish has been involved in the design of 4 playgrounds in Essex County, MA, each including play equipment for children in various age groups, and a play area in Arlington, MA.

Name & Title:
John W. French, AIA, Vice President

Project Assignment:
Project Architect

Name of Firm with which associated:
CityDesign Collaborative, Inc.

Years experience: With This Firm 2½ With Other Firms 10

Education: Degree(s) / Year / Specialization
1969/BA, Magnum Cum Laude/Dartmouth College
1972/M. Arch./University of Pennsylvania
1973/Preservation and Adaptive Use Courses/B.U.

Active Registration: Year First Registered/Discipline
1974/Pennsylvania, Architecture
1980/Massachusetts

Other Experience and Qualifications relevant to the proposed project: Project Architect, E. Norwalk, Connecticut Maritime Museum, feasibility for adaptive use of existing waterfront foundry. Principal-in-charge of new construction of 150 condominiums in Norwich, CT, and 100 family and elderly units in Ashland, MA. Two schools, adaptive use housing projects, Revere, Massachusetts; five structures for substantial rehab to housing in Dorchester, Massachusetts. Before joining CityDesign, Mr. French was associated with ANF, Inc., in the design and construction of housing for the elderly and several large scale adaptive use and preservation projects including the Tannery I in Peabody, Massachusetts; kenduskeag Terrace in Bangor, Maine. Waterfront related development projects include Charlestown Navy Yard project, and the Lynn waterfront submission for the state-sponsored North Shore Community College competition; Pequonnic Watershed Development Study and Recreation Facility, Milford, NJ; and the Mill Hill-Asumpink Creek Project, Fenton, NJ.

a. Name & Title:
Carol Monacelli, Vice President

b. Project Assignment:
Graphic Designer

c. Name of Firm with which associated:
CityDesign Collaborative, Inc.

d. Years experience: With This Firm 2½ With Other Firms 10

e. Education: Degree(s) / Years / Specialization
BS in Studio Art, 1969, Skidmore College

f. Active Registration: Year First Registered/Discipline
N/A

g. Other Experience and Qualifications relevant to the proposed project: Designer of project newsletters encouraging community participation: The Red Line News for the Boston MBTA, the New York Gazette for the State Office of Parks and Recreation and the Village News for the town of Glastonbury, CT. Signing experience includes the Charlestown Navy Yard for the National Park Service and a system wide study for the Department of Transportation's Systems Center in Cambridge. Also designed and produced the Development of Sadat City, The "Medford Square Facade Kit", and A Coastal Home Owner's Guide to Floodproofing. Developed an eagle logo to Symbolize the Intown Revitalization in Lawrence, MA, incorporating it into area street and parking signage. Designed developer kits for private and public projects, including Massport's Bird Island Flats, the Lawrence Public Library, the Winslow School in Everett.

a. Name & Title:
RICHARD K. GSOTTSCHNEIDER, PRESIDENT

b. Project Assignment:
Market Analysis/Fianancial Feasibility

c. Name of Firm with which associated:
RKG ASSOCIATES, INC.

d. Years experience: With This Firm 3 With Other Firms 7

e. Education:

	Degree(s) / Year / Specialization
B.S.	Economics, 1969
M.S.	Economics, 1971

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

See experiences listed in Form 254.

a. Name & Title:
AUDREY C. SAVAGE, SENIOR ASSOCIATE

b. Project Assignment:
Market Analysis/Financial feasibility

c. Name of Firm with which associated:
RKG ASSOCIATES, INC.

d. Years experience: With This Firm 1 With Other Firms 9

e. Education:

	Degree(s) / Years / Specialization
B.A.	German, 1970
M.B.A.	Business, 1972

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

See experiences listed in Form 254.

a. Name & Title:

Asaf A. Qazilbash, P.E., Chief Geotechnical Engineer

b. Project Assignment:

Geotechnical

c. Name of Firm with which associated:

CE Maguire, Inc.

d. Years experience: With This Firm 15 With Other Firms 2

e. Education: Degree(s) / Year / Specialization

BS/1962/Civil
MS/1965/Civil
CE/1967/Civil

f. Active Registration: Year First Registered/Discipline

1969/Civil/Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Qazilbash has worked as Project Engineer, Project Manager, Department Manager and Chief Engineer on a wide variety of large, complex and diverse projects across this country and abroad. These include rural and urban expressways such as I-91 and I-93; MBTA rapid transit facilities; marine terminals and wharves, container port facilities, port development and master planning studies, seaport designs, waterfront developments, marinas, flood control facilities; river dredging; high-rise and low-rise buildings; site development; industrial plants; office and research facilities; water and sewage treatment plants; garages; educational institutions; airports; tunnels; urban renewal programs; multipurpose earth and concrete dams; and navigational locks.

The scope of work on these projects included subsurface explorations; applications of engineering geology; feasibility analysis; establishing engineering design criteria; foundation design; preparations of environmental impact statements; design memoranda; reports and contract documents; and supervision, administration and monitoring of construction. He has supervised the design of machine foundations for control of vibrations and analysis of blasting vibrations.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: John D. Hollywood, P.E.
Manager, Site Engineering Group

b. Project Assignment:
Site, Utilities

c. Name of Firm with which associated:
CE Maguire, Inc.

d. Years experience: With This Firm 10 **With Other Firms** 2

e. Education: **Degree(s) / Year / Specialization**

B.S./1970/Civil Engineering

f. Active Registration: **Year First Registered/Discipline**
MA, Utah - 1977
NH, ME - 1978

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Hollywood was involved with building projects for Digital Equipment Corporation, Nuclear Metals Corporation Sperry Research Center for Sperry Construction, and Combustion Engineering, Inc.

He also managed the site improvements package for the Nantucket Ferry Terminal, a UMTA funded project. Mr. Hollywood was the Engineer of Record for several of the Malden Park Projects and is the designated project manager for the Marlborough Fairgrounds Project, a $400,000 park improvement project soon to begin in Marlborough, Massachusetts.

Recently he was project manager for a study and engineering report for the MDC to evaluate the issues of development for Peddocks Island in Boston Harbor. These issues included terrain and geotechnical evaluations, access alternatives, utility evaluations and range of development options.

In the past, he was project manager for a number of urban street reconstruction projects, including projects in Boston, Revere and Waltham, Massachusetts The Tremont Street and Columbus Avenue project in Boston is a major urban street improvement and includes two and one-half miles of sophisticated design, traffic improvements and landscaping.

Previous to these assignments, Mr. Hollywood has worked on a variety of transportation and civil engineering projects such as Interstate Route 1-190; Route 25; Motorist Aid Systems for Interstate Routes 1-195 and 1-91; Route 140; the North Terminal Area Study; Digital Equipment Corporation, Burlington, Vermont; and Military Cantonments in Nigeria.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Paul P. Gailinas, P.E.
Chief Traffic Engineer

b. Project Assignment:
Traffic

c. Name of Firm with which associated:
CE Maguire, Inc.

d. Years experience: With This Firm 3 With Other Firms 20

e. Education: Degree(s) / Year / Specialization
A.S. 1955 Civil
BBA 1956 Engineering and Management
Certificate Highway Transportation, 1958

f. Active Registration: Year First Registered/Discipline
MA, 1972 NH, 1975 Civil

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Gailinas finalized traffic circulation plans for the Boston South End Renewal area and elevated a traffic control and signal system compatible with the area design. He worked on traffic access for the Lincoln-Edwards Dept. Store Parking Garage Study in Syracuse, NY. He has prepared specifications for the Phase I Construction Contract for Interstate Route 190 in the Worcester area. He has finalized design of the traffic control features necessary for the second section of this Interstate route.

He recently completed work on the Logan Airport roadway improvements project.

He conducted Traffic Operation Studies for Durham, Berlin, Nashua and Keene, New Hampshire; Cranston and Westerly, Rhode Island, Rockland, Maine; Brookline, Wellesley and Harvard Square, Cambridge, Massachusetts were accomplished under his supervision.

Mr. Gailinas performed traffic control and capacity studies of all Metropolitan District Commission Parkways and Arterials in the Greater Boston area and designed the traffic signal and control systems required for moving traffic safely and expeditiously.

He has developed traffic signal systems for Brookline, Wellesley and Cambridge Massachusetts and supervised the preparation of plans and specifications for those systems.

All traffic, impact, access and operation studies usually required traffic control through the use of traffic signals as part of the solution. This involved both isolated and systems designs and included recommendations for controller type and capability as well as signal timing, phasing and offset requirements for capacity and progression. Vehicle detection equipment was recommended and located as necessary.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Roger P. Michniewicz, Civil Engineer

b. Project Assignment:

Civil/Waterfront

c. Name of Firm with which associated:

CE Maguire, Inc.

d. Years experience: With This Firm 8 With Other Firms 3

e. Education: Degree(s) / Year / Specialization

BS/1970/Civil Engineering
MS/1973/Civil Engineering

f. Active Registration: Year First Registered/Discipline

RI/1979/Civil
MA/1981/Civil

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Michniewicz has been involved in a broad spectrum of geotechnical and ocean engineering for many diverse civil engineering projects. His assignments include the design for varied types of foundations for marine and waterfront facilities both industrial and commercial, preparation of soils and foundations and earthwork operations for heavy civil projects, developing and analyzing field explorations, laboratory testing, and site feasibility studies.

Mr. Michniewicz's most recent waterfront projects include a container facility utilizing a sheet pile cofferdam wharf located on very deep inorganic and organic silt for Merrill Industries in Portland, ME; and an Extension and Rehabilitation of the State Fish Pier at Gloucester, MA.

As chief engineer for the Portsmouth, New Hampshire Port Facilities Expansion Program, Mr. Michniewicz was responsible for developing plans to fill a 10 acre tidal flat. The unusually poor soils in this area required a number of innovative concepts.

Mr. Michniewicz has also been responsible for the design of a bulkhead system using both very large cylinder piles and concrete sheet piling with earth anchors for a major fishing harbor development project in Newport News, Virginia.

Relevant to this Project (List not more than 10 Projects)

CDC: CityDesign Coll.
RKG: RKG Associates

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Holyoke Heritage State Park Holyoke, MA	CDC Architects/ Landscape Architects: Final Design & Constr	Mass. Dept. of Environmental Management 100 Cambridge Street, Boston	1983	$3,000	$3,000
(2) Springfield Heritage State Park Springfield, MA	CDC: Architects/ Landscape Architects Preliminary Design	Mass. Dept. of Environmental Management 100 Cambridge Street, Boston	1983	$2,700	$2,700
(3) Bass River Master Plan Beverly, MA	CDC: Planners/Urban Designers (Study) RKG: Market/Economic Anal.	Planning Department City of Beverly, MA	Study 1982	$ 16 (fee)	$ 16 (fee)
(4) Essex County Parks 4 Playgrounds: Beverly, Newburyport, Methuen &Peabody, MA	CDC Landscape Archit.	Essex County Board of Commissioners Essex County Courthouse, Salem	1983	$ 640	$640
(5) Downtown Putnam Revitalization and Implementation Plan Putnam, CT	CDC: Planners/Urban Designers RKG: Market/Econ Anal (Study)	Redevelopment Agency of the City of Putnam, CT	1983	$ 48 (fee)	$ 48 (fee)
(6) Downtown Milford Revitalization Plan Milford, MA	CDC: Planning/Urban Design/Landscape Design (Study)	Town of Milford Redevelopment Authority Milford, MA	1981	$ 16 (fee)	$ 8 (fee)
(7) East Arlington Open Space & Development Plan Arlington, MA	CDC: Planners/Urban Designers/Landscape Architect (Study)	Town of Arlington, MA Office of Planning & Community Development	1981	$ 35 (fee)	$ 35 (fee)
(8) Boynton Yards Area Revitalization Study Somerville, MA	CDC: Planners/Urban Designers/Landscape Architects (Study)	City of Somerville, MA Office of Planning and Community Development	1982	$ 16 (fee)	$ 16 (fee)
(9) Downtown Methuen Revitalization Plan Methuen, MA	CDC: Planners/Urban Designers/Landscape Architect (Study)	Town of Methuen, MA Office of Planning & Community Development	1982	$ 16 (fee)	$ 6 (fee)
(10) Chelsea Waterfront Industrial Revitalization Chelsea,MA	CDC: Planners/Urban Designers/Landscape Architects (Study)	City of Chelsea, MA Mayor's Office of Community Development	1983	$ 24 (fee)	$ 9 (fee)

CE Maguire, Inc.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Malden Parks Revitalization Malden, MA	Complete Planning Design Construction Super.	City of Malden	1979	2,000	2,000
South End Urban Renewal - Seven Parks Boston, MA	Complete Design Construction Super	Boston Redevelopment Auth.	1980	2,000	2,000
Waterfront Improvement Project Middletown, CT	Complete Planning Design Construction Supor.	City of Middletown	1979	1,700	1,700
Charles River Dam and Park Boston, MA	Complete Planning Design Construction Super.	US Army Corps of Engineers, Waltham MDC, Boston, MA	1979	34,900	34,900
Marina Development Bourne, MA	Complete Planning Design Construction Super.	Massachusetts Dept. Environ. Quality Boston, MA	1980	2,400	2,400
Downtown Revitalization Study Woburn, MA	Study	City of Woburn, MA	1981	N/A	N/A

e. Number of staff members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
EIS - Sewage System Sandwich, MA	Environmental Impact, Study of Entire Sewage Proposal	Environmental Protection Agency, Region I, Boston, MA	95%	180 fee	90%
(3) System Management Eng. Facility Office Building Hanscom AFB, Bedford, MA	Complete Design Documents Comprehensive Interior Design	NY District Corps of Engineers New York City, NY	99% 60%	7,000	100%
CT Flood Insurance Studies	Study, Field Inspection and Report	Federal Emergency Management Agency Washington, DC	85%	390 fee	100%
Open-Ended EIS Sewage System Contract, Various Projects	Environmental Impact Study of Entire Sewage System Proposal	Environmental Protection Agency, Region I, Boston, MA	55%	714 fee	30%
Utility Improvements Sub Base, New London, CT	Condition Surveys Design Documents	NAVFACENGCOM, Northern Division Philadelphia, PA	35%	10,500	100%

NOTE: ALL PROJECTS LISTED ARE CE MAGUIRE, INC.

(3) Waltham Office Design

See attached letter and qualifications.

The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: Randolph Jones, President

Date: 12/15/82

comunitas

city planning & urban design

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02210

Dear Mr. Ryan:

Comunitas is pleased to submit this letter of interest together with the attached Architect/Engineer and Related Services Questionnaires (SF 255 and SF 254) for your consideration regarding the Master Planning Consultant Services sought by the Boston Redevelopment Authority for the Boston Harbor Development site in East Boston, Massachusetts.

Comunitas and the carefully selected consultant firms have assembled a team of master planners, urban designers, economic and market analysts, and engineers that can confidently undertake and complete all aspects of the proposed study outlined in your abbreviated scope of services. Members of the team bring to this project firsthand experience and knowledge of planning and engineering issues raised by the potential development of the site. In addition to the proven expertise in conceptualizing mixed use, public/private development, master planning and physical design for waterfront sites, Comunitas is particularly skilled in working with users, community groups, and public and private sector parties in participatory processes to determine the use, character, and design of places.

Our interest in this project is informed and genuine. We look forward to an interview wherein key personnel of our project team may personally demonstrate their qualifications and eagerness to undertake this most challenging and interesting project.

Yours very truly,

Tunney Lee
Partner

enclosures

Antonio DiMambro
Reginald Griffith
Tunney Lee
Deborah Poodry

25 Union Street
Boston Massachusetts
02108
617 367-9081

SF 255
Architect-Engineer and Related Services for Specific Project

Master Plan for the East Boston Harborside Si
East Boston, Massachusetts

Solicitation Announcement Date, if any:

Number, if any

Firm (or Joint-Venture) Name & Address

Comunitas
Planning, Urban Design, Architecture
25 Union Street
Boston, Massachusetts 02108

3a. Name, Title & Telephone Number of Principal to Contact

Antonio DiMambro, Partner (617) 367-9081
Tunney Lee, Partner (617) 367-9081

3b. Address of office to perform work, if different from Item 3

Personnel by Discipline:

_ Administrative	___ Electrical Engineers	___ Oceanographers	___
_ Architects	___ Estimators	2 Planners: Urban/Regional	___
_ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
_ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
_ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
_ Draftsmen	___ Landscape Architects	___ Structural Engineers	___
_ Ecologists	___ Mechanical Engineers	___ Surveyors	___
_ Economists	___ Mining Engineers	___ Transportation Engineers	8 Total Personnel

If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

Has this Joint-Venture previously worked together? ☐ yes ☐ no

Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
RKG Associates, Inc. Economic & Development Consultants Durham Point Road Durham, New Hampshire 03824	Financial & Development Analysis	No
Segal/DiSarcina Associates, Inc. Transportation Consultants 863 Massachusetts Avenue Cambridge, Massachusetts 02139	Transportation Planning	Yes
Bryant Associates, Inc. 648 Beacon Street, P. O. Box 38 Boston, Massachusetts 02215	Civil Engineering	Yes
Childs Engineering Corporation Box 333 Medfield, Massachusetts 02052	Structural & Waterfront Engineering	No

ame & Title:
unney Lee, Partner

oject Assignment:
incipal in Charge

ame of Firm with which associated:
omunitas

ears experience: With This Firm 3 With Other Firms 15

ducation: Degree(s) / Year / Specialization
Architecture, 1954

ctive Registration: Year First Registered/Discipline
960 Architecture NCARB & New York
982 Architecture - Connecticut and Massachusetts

ther Experience and Qualifications relevant to the
roposed project:

r. Lee's broad experience in all aspects of planning
nd design will support his coordination of the team's
fforts on the East Boston Harborside Project. As
irector of the Compley Place Review Process and the
akoma School Charrette & Design, and as representative
f the City of Cambridge on the Boston Transportation
lanning Review, he has demonstrated his special ability
o manage complex public/private/community projects
hrough to successful physical realization. His expe-
ience in urban design for the revitalization of piers
n East Boston, and as Director of Planning Design for
he Boston Redevelopment Authority provide him with
ignificant relevant experience in waterfront revitaliza-
ion and design. Mr. Lee is well known for his work with
ommunity organizations and skill in participation pro-
esses.

a. Name & Title:
Antonio DiMambro, Partner

b. Project Assignment:
Project Director

c. Name of Firm with which associated:
Comunitas

d. Years experience: With This Firm 3 With Other Firms 6

e. Education: Degree(s) / Years / Specialization

BSAD	1971	Arch. Design
Laurea in Architettura	1973	Architecture
M. Arch. A.S.	1976	Urban Design
M.C.P.	1976	City Planning

f. Active Registration: Year First Registered/Discipline
1973 Architecture - Italy

g. Other Experience and Qualifications relevant to the
proposed project:

Mr. DiMambro brings significant masterplanning, urban design and project management expertise to the project. He was Materplanner/Designer for the New Campus for the University of Pavia, Italy; Urban Designer for the Masterplan for the City of Rimini, Italy; and Urban Design Manager for the Logan Airport Land Use Masterplan, Boston. Recently, as principal of Comunitas, he has completed a study for Massport which included the design of several short-term roadway improvements at Logan Airport and is directing the comprehensive rehabilitation project for the Jefferson Park public housing development in Cambridge. This experience in large scale planning and design is joined to his proven expertise in community participation processes.

a. Name & Title:

RICHARD K. GSOTTSCHNEIDER, PRESIDENT

b. Project Assignment:

Market Analysis/Financial Feasibility

c. Name of Firm with which associated:

RKG ASSOCIATES, INC.

d. Years experience: With This Firm 3 With Other Firms 7

e. Education:

Degree(s)	Year	Specialization
B.S.		Economics, 1969
M.S.		Economics, 1971

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Gsottschneider has over 10 years professional experience applying the disciplines of economic and financial analysis the real estate industry. His experience includes market earch and marketing, financial feasibility analysis and ject financing, and property development and management. Gsottschneider's market research experience includes resi- tial, retail, office, industrial, hotel/convention and cul- al/tourism activities. Mr. Gsottschneider is also skilled the area of financial analysis and financing. He has been ponsible for loan appraisals, public bond offerings and ited partnership offerings/syndications. He is thoroughly iliar with the lender's reluctance regarding many existing an properties, but has been able to successfully demonstrate many of these properties can be reused. He has experience h, and understands, the need for a joint development role ween the public and private sectors.

a. Name & Title:

AUDREY C. SAVAGE, SENIOR ASSOCIATE

b. Project Assignment:

Market Analysis/Financial feasibility

c. Name of Firm with which associated:

RKG ASSOCIATES, INC.

d. Years experience: With This Firm 1 With Other Firms 9

e. Education:

Degree(s)	Years	Specialization
B.A.		German, 1970
M.B.A.		Business, 1972

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

As senior associate at RKG, Ms. Savage has worked very closely with Mr. Gsottschneider on most of the projects listed on the SF 254. Ms. Savage has developed a range of skills in the area of economic and financial analysis as well as real estate development that will be very valuable in the East Boston piers development project.

Name & Title: Anthony J. DiSarcina, P.E. Partner	a. Name & Title: Murray D. Segal Partner
Project Assignment: Partner-in-Charge (from firm)	b. Project Assignment: Project Engineer
Name of Firm with which associated: Segal/DiSarcina Associates	c. Name of Firm with which associated: Segal/DiSarcina Associates
Years experience: With This Firm 1 With Other Firms 18	d. Years experience: With This Firm 1 With Other Firms 25
Education: Degree(s) / Year / Specialization BSCE 1961 Civil Engineering MSCE 1962 Civil Engineering	e. Education: Degree(s) / Years / Specialization BSCE 1956 Civil Engineering MPA 1981 Public Administration
Active Registration: Year First Registered/Discipline 1970 Civil Engineering	f. Active Registration: Year First Registered/Discipline
Other Experience and Qualifications relevant to the proposed project: Mr. DiSarcina has had extensive experience th master planning in urban areas. From 1964 1972, he was employed by the Boston Redevelop- nt Authority in its transportation planning partment and was Director of Transportation anning. While at BRA, he was the transportation anner for the Charlestown, South End and Fenway ojects. He participated in the planning, design d traffic operations aspects of many of the City's terial streets and was the City's technical presentative to the Mass DPW, MBTA and MassPort. . DiSarcina also worked 9 years for the Central ansportation Planning Staff, the last 3 as Director. ere, he worked on airport issues, the Third rbor Crossing and street capacity issues in st Boston.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Segal has had a varied and extensive experience working on master planning projects. In Boston, he worked on the transportation aspects of a reuse plan for the Boston Navy Yard for the Boston Redevelopment Authority and the Boston Econmic Development and Industrial Commission. He participated in the master plan development of a three mile long segment of waterfront in the City of Detroit, just easterly of the Renaissance Center. He has worked on the traffic generation, distribution and capacity aspects of various land uses during the initial and final planning phases. He has paricipated in schematic and functional design of roadways and internal circulation for development sites.

. Brief Resume [illegible] Persons, Specialists, and Individual Consultants Anticipated [illegible] Project

a. Name & Title: Jack D. Bryant	a. Name & Title: Liberato L. Abriam
b. Project Assignment: Principal-in-charge	b. Project Assignment: Civil Engineer
Name of Firm with which associated: Bryant Associates, Inc.	c. Name of Firm with which associated: Bryant Associates, Inc.
Years experience: With This Firm 5 With Other Firms 25	d. Years experience: With This Firm 2 With Other Firms 17
Education: Degree(s) / Year / Specialization B.S.C.E. - University of Michigan	e. Education: Degree(s) / Years / Specialization B.S.C.E. MAPUA Institute of Technology, Philippines
Active Registration: Year First Registered/Discipline Massachusetts, New York, Illinois, Connecticut, Florida Rhode Island, Pennsylvania, District of Columbia, Georgia Maryland, Michigan	f. Active Registration: Year First Registered/Discipline
Other Experience and Qualifications relevant to the proposed project: Mr. Bryant has more than thirty years of divesified ational and international experiences as a Civil Engineer nd Manager which includes the design and supervision of onstruction of highways, expressways, railroads, military nd municipal airports, ports facilities and the quality ontrol of construction materials. Recent project assign-ents includes Deputy Director for mapping of the North-ast Rail Corridor from Washington, DC to Boston, Mass. rincipal-in-charge of site engineering for the Eastern irlines Reservation Center at Logan International Air-ort and a Signal Training Facility, Fort Devens, assachusetts.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Abriam's professional experience spans more than 17 years in the design and construction of Interstate Highways, urban expressways, railroads, airport and airport facilities He has been responsible for the preliminary and final design of projects that include all facets of civil engineering as well as coordination and review of other engineering disciplines. Representative projects includes: Ramon Air Base - design of airport and airport facilities, Israel. Military Air Bases - design of airport and airport facilities, Thailand. Clark Air Base - construction of runway extension and airport facilities, Philippines. Interstate Route 95 - 12 miles of 6-lane divided expressway with 5 interchanges, Massachusetts

ame & Title:

KENNETH M. CHILDS, JR./PRESIDENT

oject Assignment:

PRINCIPAL-IN-CHARGE

me of Firm with which associated:

CHILDS ENGINEERING CORPORATION

ars experience: With This Firm 12 With Other Firms 14

ucation: Degree(s) / Year / Specialization

Massachusetts Institute of Technology
Bachelor of Science in Civil Engineering, 1952
Structural

tive Registration: Year First Registered/Discipline
1959, Massachusetts, Civil/Structural;
New Hampshire; Newfoundland, New Brunswick,
Canada

her Experience and Qualifications relevant to the
oposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E.,
A.W.P.A., C.S.I., A.C.I., A.A.P.A.
Publications: "Experiences as a Resident
Engineer in Nieuport, Belgium", Boston Society
of Civil Engineers "The future of Dry Docks in
Eastern Canada", Canadian Maritime Section,
SNAME
Moderator of a panel discussion on "Marine
Salvage", New England Section, SNAME
Marine diver since 1958.
Qualified Marine Railway and Floating Dry Dock
Operator

a. Name & Title:

BRUCE O. TOBIASSON/VICE PRESIDENT

b. Project Assignment:

PRINCIPAL ENGINEER

c. Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

d. Years experience: With This Firm 5 With Other Firms 10

e. Education: Degree(s) / Years / Specialization

Northeastern University
Bachelor of Science in Civil Engineering, 1967,
Structural

f. Active Registration: Year First Registered/Discipline
1973, Massachusetts, Civil/Structural;
Connecticut; Georgia; New York; Maine

g. Other Experience and Qualifications relevant to the
proposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E.,
M.T.S., A.B.Y.C., A.S.T.M.
Publications: "An Introduction to Dry Docking
Principles and Techniques"
"Principles and Practices required for the
Safe Dry Docking of Ships"
"Pilings and Fixed Piers"
"An Unusual Ship Launching"
"A Riverboat Gets a New Life"
"Georgetown Dry Dock Sails for Cameroons"

Certified Marine Diver.
Guest lecturer on waterfront engineering topics
for Northeastern University, The New England
Marine Advisory Service, Sea Grant Program,
Medfield Public Schools.

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) East Boston Piers Study East Boston, MA	Master Planning	Mass. Port Authority Boston, MA	1978	15 Fee	All
(2) Logan Airport Master Plan Boston, Massachusetts	Master Planning and Urban Design	Mass. Port Authority Boston, Massachusetts	1981	600 Fee	40%
(3) Copley Place Citizen Review Process Boston, Massachusetts	Participatory Process	Mass. Turnpike Authority Office of State Planning Comm. of Mass., Boston, MA	1980	90 Fee	All
(4) Jefferson Park Comprehensive Rehabilitation Proj. Cambridge, Massachusetts	Master Planning and Architecture	Cambridge Housing Authority Winn Development Company	1984	11,500	50%
(5) Camden Gateway South Study	Master Planning and Urban Design	Delaware Valley Regional Planning Commission	1981	300 Fee	20%
(6) U.S. Public Health Hospital Site Plan & Building Reuse	Site Planning Traffic Analysis Zoning Analysis	Allston-Brighton Community Development Corporation Boston, Massachusetts	1982	25 Fee	All
(7) Bird Island Flats Development	Transportation Planning	Macomber Development Co. Boston, Massachusetts	1982	20 Fee	All
(8) Rehabilitation of Bulkhead and Piers, Charlestown Navy Yard, Boston, MA	Above & below water inspection & repair design to 1500+ of steel, timber & concrete piers & bkd.	National Park Service Denver Service Center Denver, Colorado	On-going to 1983	3,000+	All
(9) Revere Beach Redevelopment for Housing	Finance & Development Consultant	Department of Planning & Community Development Revere, Massachusetts	1982	9,500	All
(10) Frankford Arsenal Waterfront Redevelopment	Finance & Development Consultant	Philadelphia Industrial Development Corporation Philadelphia, Pennsylvania	1980	45,000	All

Use this space to provide any additional information or description of resources supporting your qualifications.

The following special qualifications will enable the team to begin immediately to work effectively with both the Boston Redevelopment Authority and the Citizen Project Advisory Committee to effectively generate a creative and workable project.

- Firsthand experience and knowledge of past and current planning, transportation and development studies for the East Boston Piers site; current development plans for surrounding sites, e.g. Bird Island Flats, Logan Airport; and engineering survey and pier structure analysis completed for the East Boston site.

- Familiarity with the East Boston context and neighborhood organizations.

- Recent involvement in studies and implementation of waterfront improvements relevant to this project.

- Long-standing professional relationships and collaboration of team members in other major projects.

- Proven expertise in liaison/coordination with community groups including direct experience with community organizations in East Boston.

The foregoing is a statement of facts.

Signature: Antonio Di Mambro Typed Name and Title: ANTONIO DiMAMBRO, PARTNER

Date: DEC. 15, 1982

EAST BOSTON HARBORSIDE PROJECT

Master Planning Consultant Services

A Joint Venture

GEDDES, BRECHER, QUALLS & CUNNINGHAM, INC.
Conceptual Design
CHARLES G. HILGENHURST ASSOCIATES, INC.
Urban Design
Planning
Community Liaison

In association with:

VANASSE/HANGEN
Traffic Planning
Civil Engineering
HUNNEMAN & COMPANY
Real Estate Economics

15 December 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
One City Hall Square, 9th Floor
Boston, MA 02201

Dear Mr. Ryan:

Geddes, Brecher, Qualls & Cunningham, Inc. (GBQC) and Charles G. Hilgenhurst Associates Inc. (CGHA) are pleased to submit this statement of qualifications to prepare a master plan and development plan for the East Boston Massport Pier. We have asked Vanasse/Hangen Associates, Inc. and Hunneman & Company, Inc. to join us in this submission. Our objective has been to form a team which combines very strong design and planning skills, supported by equally strong technical support in traffic, planning, engineering, and real estate economics. The team's key personnel have demonstrated superior capabilities in the full range of design, planning and technical concerns presented in this project. We also feel that this is a team with the sensitivity to urban environments, and to East Boston in particular, to work effectively with all the actors in this project. We look forward to utilizing these capabilities in working with the BRA to produce an important plan for the East Boston Harborside Project.

The team's key personnel know each other and have worked together and/or sought out opportunities to work together. GBQC is based in Philadelphia and Princeton, NJ; the firm has an international practice and has received numerous national design awards for its architectural and urban design work. CGHA is a Boston-based firm with a strong tradition in development planning and community liaison work; the firm has been recognized for its work in these areas in Rome, NY, Columbus, OH and a number of Boston neighborhoods and Massachusetts cities and towns. Vanasse/Hangen Associates, Inc. is a highly-regarded, Boston-based transportation planning and engineering firm. Hunneman & Company, Inc. is a highly-successful, Boston-based real estate firm with significant experience in all aspects of real estate development.

The team has been organized to combine nationally-recognized, large-project design skills with strong local planning, urban design, and community liaison skills. We believe that the nature of the project requires extensive involvement by senior professionals with strong, relevant backgrounds. As indicated in the following Organization Chart, the principals-in-charge - Robert Geddes (GBQC) and Gordon Brigham (CGHA) - will both play active roles in the project.

- Robert Geddes is a principal of GBQC and Dean of the Architecture Program at Princeton University. Mr. Geddes will personally direct the conceptual design aspects of the project. Mr. Geddes has been repeatedly honored for his design leadership; he has been a member of the AIA National Committee on Design and was Chairman of the 1980 National Design Conference. In addition to the design of numerous award-winning buildings, Mr. Geddes directed the design for Liberty State Park in Jersey City.

- Gordon Brigham is a principal of CGHA and directs the firm's planning work. Mr. Brigham will personally direct the planning aspects of the work. His career has included senior planning responsibility within the public and private sectors; in the last several years he has served as Director of the Mayor's Office of Program Development and Director of Planning for CGHA. In both these roles he has dealt with the range of master planning and development planning concerns faced in the East Boston Harborside Project, including effective liaison with a broad range of urban neighborhood groups.

The other key team members will draw on strong, relevant backgrounds and skills to support the principals-in-charge.

- David Dixon is a principal of CGHA and directs the firm's urban design work. He will serve as Project Manager, coordinating the team's ongoing activities, and will be personally responsible for urban design activities. Mr. Dixon is currently Chairman of Massport's Bird Island Flats Design Advisory Review Committee and has just become Co-Chairman of the BSA's Urban Design Committee. He has directed urban design for a series of recent large-scale urban projects in Columbus, OH, Boston, Quincy and Fall River. Mr. Dixon has extensive team management experience; he is currently Project Manager for the MBTA's consultant team studying the Green Line relocation at North Station. Mr. Dixon will be supported by Charles Smith, Senior Urban Designer at CGHA.

- Richard Hangen is a principal of Vanasse/Hangen Associates, Inc. He will be personally responsible for coordinating the team's traffic planning and engineering support activities. Mr. Hangen directed the Vehicular Access Study of circulation between Logan Airport and East Boston and has been involved in traffic planning for urban revitalization projects throughout New England. He will be supported by several senior personnel identified in the Standard Form 255.

- Richard Lundgren is Director of Real Estate Services with Hunneman & Company, Inc. He will personally coordinate real estate economics support for the team's efforts, drawing on Hunneman's industrial, commercial and residential divisions for technical support. Mr. Lundgren will be able to take advantage of his own and his associates' very direct familiarity with the realities of the Boston real estate market for all the uses which may be considered.

The Phase I master plan must reflect the positive synthesis of several viewpoints: market opportunities for a prime waterfront location; the City's goals for increased tax return and, with Massport, for new opportunities for economic development; and neighborhood concerns for access to the waterfront and for development compatible with existing conditions. The Phase I product must reflect preliminary judgments of market and financial feasibility, and this should be the starting point for the more rigorous Phase II analysis of feasibility, development costs and potential financial return.

The final Development Plan will establish a strong context and be sufficiently detailed to offer a convincing vision of how the waterfront can, and should, be developed. This strong context will increase the ability to attract significant developer interest. An important aspect of this plan's success will be neighborhood concensus; we look forward to active interaction between the consultant team and the East Boston Project Advisory Committee.

The team's experience is described in detail in the last section of this document. Important areas of experience which provide useful background for this project include:

GBQC

- Liberty State Park, Jersey City - an urban park intended as a catalyst for revitalization of Jersey City's waterfront.

- Market Street Renewal, Corning, NY - a downtown revitalization project involving conceptual design of a wide range of commercial, public and residential uses.

- Flint Riverfront Center, Flint, MI - conceptual design for a mixed-use, large-scale waterfront project.

- Penn's Landing Master Plan, Philadephia, PA - highly-successful redevelopment of one mile of Philadelphia's downtown waterfront.

CGHA

- Capitol South, Columbus, OH - architectural and planning coordination for a $400 million, three-block mixed-use project.

- Fall River "Linkage" Study - urban design for establishing "linkage" development between the waterfront and Main Street.

- MIT Simplex Site - preparation of the developer's kit and assistance in developer selection for a 25-acre, $200 million mixed-use project.

- Bird Island Flats Design Review - David Dixon is Chairman of Massport's Design Review Committee, which includes representatives of East Boston.

Vanasse/Hangen Associates, Inc. and Hunneman & Company, Inc.'s experience is described under "Selected Project Experience" in this document. Both firms have extensive relevant background experience.

We look forward to presenting our credentials to you in more detail.

Yours truly,

Gordon L. Brigham
Executive Vice President

GLB/erh

attachments

FORM (SF) **255**
Architect-Engineer Related Services for Specific Project

East Boston Harborside Project
Master Planning Consultant Services

Daily Announcement Date, if any:

Number, if any:

3. Firm (or Joint-Venture) Name & Address

Geddes, Brecher, Qualls & Cunningham, Inc./
Charles G. Hilgenhurst Associates Inc.
148 State Street
Boston, Massachusetts 02109

3a. Name, Title & Telephone Number of Principal to Contact

Gordon L. Brigham, Executive Vice President.
617/ 723-1770

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

15 Administrative	___ Electrical Engineers	___ Oceanographers	3 Graphic Designers
42 Architects	___ Estimators	5 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	6 Interior Designers	___ Specification Writers	___
26 Draftsmen	___ Landscape Architects	5 Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	102 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm. (Attach SF 254 for each if not on file with Procuring Office.)

A Joint Venture

GEDDES, BRECHER, QUALLS & CUNNINGHAM, INC.
Conceptual Design
CHARLES G. HILGENHURST ASSOCIATES INC.
Urban Design
Planning
Community Liaison

In association with:

VANASSE/HANGEN
Traffic Planning
Civil Engineering
HUNNEMAN & COMPANY
Real Estate Economics

5a. Has this Joint-Venture previously worked together? ☐ yes ☒ no

a. Name & Title: Gordon L. Brigham
Executive Vice President

b. Project Assignment: Principal-in-Charge
Planning and Community Liaison

c. Name of Firm with which associated:
Charles G. Hilgenhurst Associates Inc.

d. Years experience: With This Firm 3 With Other Firms 12

e. Education: Degree(s) / Years / Specialization
Master of City Planning, 1963, Massachusetts Institute of Technology
Bachelor of Arts, Architecture, 1956, Yale University

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Brigham's professional career has been divided equally between public and private sector work. At CGHA, he has utilized his substantial experience with urban development projects to contribute to a range of planning projects including a reuse study of hospital sites for the Massachusetts Department of Mental Health; a New Haven, Connecticut Housing Study (which involved working with both city officials and community representatives); a $40 million mixed-use project in Natick (including an EIR); an industrial study for Blackstone, MA; and preparation of a developer's kit and design review for MIT's $200 million Simplex Site.

a. Name & Title: David Dixon, A.I.A.
Vice President

b. Project Assignment: Project Manager
Urban Design

c. Name of Firm with which associated:
Charles G. Hilgenhurst Associates Inc.

d. Years experience: With This Firm 5 With Other Firms 5

e. Education: Degree(s) / Year / Specialization
Master of Urban Design, 1973, Harvard University
Master of Architecture, 1972, U. of Pennsylvania
Bachelor of Arts, 1969, Wesleyan University

f. Active Registration: Year First Registered/Discipline

1976 - Registered Architect

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Dixon has directed CGHA's urban design work including Capitol South, a $400 million mixed-use project in downtown Columbus, OH; a downtown mixed-use center for Quincy MA; a downtown/waterfront "linkage" plan for Fall River, MA; and development planning for the MBTA Southwest Corridor Project. He has managed several large consultant teams, including a joint venture currently undertaking the Green Line relocation at North Station. Mr. Dixon is currently Chairman of Massport's Bird Island Flats Design Review Committee.

a. Name & Title: Charles O. Smith

b. Project Assignment: Project Urban Designer

c. Name of Firm with which associated:
Charles G. Hilgenhurst Associates Inc.

d. Years experience: With This Firm 3 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
Master of Architecture, 1979, Georgia Inst. of Technology
Master of City Planning, 1979, Georgia Inst. of Technology
Bachelor of Science, 1976, Georgia Inst. of Technology

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Smith is a Project Urban Designer at Charles G. Hilgenhurst Associates Inc. He is responsible for inventory, analysis and generation of alternative facility options for the Green Line Northwest Corridor/Alternatives Analysis. The work involves coordination of eight consulting firms to produce preliminary and final transit alignment recommendations, feasibility studies, preliminary station planning and Environmental Impact Statements for a $150 million transit system improvement project.

a. Name & Title: Carole Schlessinger

b. Project Assignment: Project Planner

c. Name of Firm with which associated:
Charles G. Hilgenhurst Associates Inc.

d. Years experience: With This Firm 1 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
Master of Science, 1980, U. of Texas at Austin
Bachelor of Arts, 1977, Northwestern University

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

As a Project Planner at Charles G. Hilgenhurst Associates, Ms. Schlessinger currently has primary research responsibility for the planning aspects of a growth impact study for the Town of Burlington, MA. The work involves assembling information on existing land use and projecting development capabilities for areas not yet developed, collecting data on municipal services from comparable communities, and preparation of interim and final reports. Previous experience includes a public open space inventory, land use and demographic projections and a community facilities plan for the proposed Boston Third Harbor Tunnel project area; research on the financial structure of transportation coordination systems; and participation in the development of a ridership estimation methodology for elderly and handicapped transportation systems.

a. Name & Title: Robert Geddes, FAIA

b. Project Assignment: Principal-in-Charge

c. Name of Firm with which associated:

Geddes, Brecher, Qualls & Cunningham, Inc.

d. Years experience: With This Firm 30 With Other Firms 0

e. Education: Degree(s) / Year / Specialization

Master of Architecture, 1950, Harvard University

f Active Registration: Year First Registered/Discipline

1955 - Registered Architect (New Jersey)

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Geddes directs GBQC's design and planning projects in Princeton and has had extensive experience working with institutions, public agencies and corporate clients. Major projects for which Mr. Geddes has been principal-in-charge of design include the Humanities and Social Sciences Center at Southern Illinois University in Carbondale, IL; the dining hall and commons, courtyard and academic office building for the Institute for Advanced Study in Princeton; the Architects Housing Company apartment house in Trenton, NJ; Liberty State Park in Jersey City, NJ; Stockton State College in Pomona, NJ; the Downtown Government Center in Miami, FL; the Medical Education Building for the University of Pennsylvania School of Medicine; the Moore School of Electrical Engineering for the University of Pennsylvania; and the City Philadelphia Police Headquarters.

(CONTINUED ON FOLLOWING PAGE)

a. Name & Title: Hamilton Ross, A.I.A.

b. Project Assignment: Project Designer

c. Name of Firm with which associated:

Geddes, Brecher, Qualls & Cunningham, Inc

d. Years experience: With This Firm 18 With Other Firms 0

e. Education: Degree(s) / Years / Specialization

Master of Fine Arts, 1961, Princeton University
Bachelor of Arts, 1955, Princeton University

f. Active Registration: Year First Registered/Discipline

1964 - Registered Architect (New Jersey, Pennsylvania, New York)

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Ross has been heavily involved in the firm's project management and the use of fast-tracking systems building techniques. He has been Project Architect for the Stockton State College Phases II and III academic buildings, the Classroom/Office Building on the Newark Campus of Rutgers University and the Moore School Graduate Research Center at the University of Pennsylvania. Mr. Ross has been Project Manager for the development of the comprehensive Master Plan for Liberty State Park, a planning effort headed by GBQC involving the direct participation of ten consulting firms. He is currently Project Manager for the implementation of various phases of the Master Plan. Mr. Ross has also been Project Manager for the laboratory building for the Psychology Department of the New Brunswick Campus of Rutgers University; the Environmental Health and Science Laboratory for Mobil Oil

(CONTINUED ON FOLLOWING PAGE)

a. Name & Title: Robert Geddes, FAIA

b. Project Assignment: Principal-in-Charge

c. Name of Firm with which associated:
Geddes, Brecher, Qualls & Cunningham, Inc.

d. Years experience: With This Firm 30 With Other Firms 0

e. Education: Degree(s) / Year / Specialization
Master of Architecture, 1950, Harvard University

f. Active Registration: Year First Registered/Discipline
1955 - Registered Architect (New Jersey)

g. Other Experience and Qualifications relevant to the proposed project:
(CONTINUED FROM PREVIOUS PAGE)

Mr. Geddes has served as Chairman of the Philadelphia Redevelopment Authority's Board of Design for Society Hill and as consultant to the Rockefeller Foundation on architecture and urban design. At Princeton, he has been engaged in NSF-sponsored multidisciplinary research on behavioral factors in the design of buildings. He was elected to the National Academy of Design and to the College of Fellows of the American Institute of Architects and is also a member of the Society of Architectural Historians.

a. Name & Title: Hamilton Ross, A.I.A.

b. Project Assignment: Project Designer

c. Name of Firm with which associated:
Geddes, Brecher, Qualls & Cunningham, Inc

d. Years experience: With This Firm 18 With Other Firms 0

e. Education: Degree(s) / Years / Specialization
Master of Fine Arts, 1961, Princeton University
Bachelor of Arts, 1955, Princeton University

f. Active Registration: Year First Registered/Discipline
1964 - Registered Architect (New Jersey, Pennsylvania, New York)

g. Other Experience and Qualifications relevant to the proposed project:
(CONTINUED FROM PREVIOUS PAGE)

Corporation's Technical Center in Hopewell, NJ; a building addition to the Central Research Division, also for Mobil's Technical Center; and the State Commerce Building in Trenton, NJ, for the State Building Authority.

Name & Title: M. Neville Epstein, A.I.A.

Project Assignment: Project Designer

Name of Firm with which associated: Geddes, Brecher, Qualls & Cunningham, Inc.

Years experience: With This Firm 17 With Other Firms 0

Education: Degree(s) / Year / Specialization

Master of Architecture, 1964, Princeton University
Bachelor of Architecture, 1960, University of Cape Town, South Africa

Active Registration: Year First Registered/Discipline

1958 - Registered Architect (New Jersey, Pennsylvania)

Other Experience and Qualifications relevant to the proposed project:

Having joined GBQC in 1965, Mr. Epstein became an associate in 1968 and was named a principal in 1981. He has been Design Architect for a number of GBQC's major projects including Liberty State Park, Jersey City, NJ; the Humanities and Social Sciences Center, Southern Illinois University; Stockton State College academic buildings, student center and dormitories in Pomona, NJ; the dining hall, commons and academic office building for the Institute for Advanced Study, Princeton, NJ; Columbian Mutual Life Insurance office building, Binghamton, NY; the State Commerce Building, an office tower for the State of New Jersey in downtown Trenton; and for Mobil Oil Corporation's Technical Center in Hopewell, NJ, the Environmental Health and Science Laboratory and an addition to the Central Research Division's facilities.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Name & Title:

Richard E. Hangen, Principal

Project Assignment:

Transportation, Traffic Engineering, Parking

Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

Years experience: With This Firm 4 With Other Firms 15

Education: Degree(s) / Year / Specialization

B.S., 1963, Civil Engineering
M.S., 1967, Civil Engineering

Active Registration: Year First Registered/Discipline

1968, P.E., Civil Engineering

Other Experience and Qualifications relevant to the proposed project: Mr. Hangen has directed many comprehensive transportation studies, traffic engineering, highway and parking design projects in densely developed corridors and cities in northeast United States. He directed the Vehicular Access Study of access-egress between Logan International Airport and the East Boston community, including the impact of the Bird Island Flats development at Logan. He has extensive involvement in economic revitalization plans for business districts throughout New England including: Boston's Auto Restricted Zone; Fitchburg, Gloucester, Lawrence, Lowell, Medford, Salem, Webster & Weymouth in Mass.; Lewiston/Auburn and Portland, Maine. He directed the firm's efforts on impact studies for major land developments including: Harvard Sq., Cambridge; Red Sox Parking/Neighborhood Impact; alternative sites for multi-purpose stadiums for Minnesota Vikings/Twins; Newton Corner; MIT Northwest Tract; Commercial St./Waterfront, Portland, Maine; and numerous shopping malls, industrial parks, hospital expansions & major residential and hotel developments.

a. Name & Title:

William J. Scully

b. Project Assignment:

Transportation, Traffic Engineering, Parking

c. Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 1.5 With Other Firms 3.5

e. Education: Degree(s) / Years / Specialization

B.S., 1977, Civil Engineering

f. Active Registration: Year First Registered/Discipline

1982, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project: Mr. Scully joined Vanasse/Hangen after several years with the New York Dept. of Transportation. His traffic circulation/impact analysis/parking studies include projects in Albany, Buffalo, Saratoga, Syracuse and Utica, New York; the Vehicular Access Study of access-egress between Logan International Airport and East Boston including the impact of the Bird Island Flats development; circulation patterns and parking in several Massachusetts communities, Connecticut, Maine and Florida. He has been responsible for developing trip generation models and forecasting trip distribution and travel for short and long range systems development, as well as developing socio-economic forecasts. He has been involved in community participation programs and various impact studies of commercial/industrial/real estate developments.

a. Name & Title:
David A. Bohn, P.E.
Project Manager

b. Project Assignment:
Transportation/Traffic Assignment

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 1

e. Education: Degree(s) / Year / Specialization
B.S., 1978, Civil Engineering; M.S., 1979, Civil Engineering, University of Massachusetts

f. Active Registration: Year First Registered/Discipline
1982, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Bohn has had a wide variety of traffic engineering and transportation study experience. He played a prominent part in Vanasse/Hangen's Roadway Planning and Priority Programming study for Nantucket, developing an initial $3 million program plus a 10 year continuing program. He has participated in traffic engineering and highway operation studies in Acton, Brockton, Concord, Kingston, Plymouth and Somerville, MA; Windsor, CT; and Merrimack, NH. He is coordinating a Corridor Planning Study of Middlesex Turnpike and Route 3 in Burlington, MA. Business district revitalization studies include Concord and Springfield, MA and Portland, ME. Environmental impact studies include Commonwealth Pier, Boston; Heritage State Park, Fall River; Parcel 1B, Harvard Square Cambridge; Winchester Hospital, MA. He has conducted transit planning studies, parking studies in several cities, and traffic & parking studies for the expansion of many hospitals.

a. Name & Title:
Robert S. Brustlin, P.E.
Principal

b. Project Assignment:
Civil/Waterfront Engineering

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
B.S. and A.B., 1974, Civil Engineering and Engineering Economics; 1976, MLA (Landscape Architecture), Harvard Graduate School of Design

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Brustlin is in charge of all Vanasse/Hangen highway design, site development, landscape architecture and surveying crews. Major highway design includes Route 101 in New Hampshire and I-95 safety improvements in Connecticut. Urban Systems design includes Main St., Nashua, NH; Assembly Square, Somerville; Medford Square, Ring Road & Transit Mall; Maynard Central Business District; Middlesex Turnpike, Burlington and many others. Mr. Brustlin has also supervised Type 5 flood studies (Adams and No. Adams, MA), drainage systems (MDC's Forest Hills Overpass, while with another firm); recreation impact (Big River Reservoir, R.I.); coastal design (Portland, ME Harbor Debris Study; Buttermilk Bay Channel, Bourne, MA; Wells Harbor, ME); lake construction (Stratton Mt., Lake & Dam, VT; West Hill Reservoir, VT); site development, grading, drainage and all utilities for many corporations.

a. Name & Title:
William J. Roache, P.E., Vice President

b. Project Assignment:
Level of Project Development, Project Planning, Highway Capacity Analysis

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
B.S., 1975, Civil Engineering; M.S., 1977, Transportation Engineering, The Transportation Institute, Penn. State University

f. Active Registration: Year First Registered/Discipline
1980, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Roache is in charge of most Vanasse/Hangen transportation and traffic engineering studies, involving capacity and safety analysis, improved geometric design, installation and timing of traffic control devices, parking supply and management, bus and transit studies. He is in charge of the current Transportation Systems Management studies, including signalization at 138 intersections, for the Portland, ME Area Comprehensive Transportation Study (PACTS) and Lewiston-Auburn, ME (LACTS); the Boston Parking Study with Cambridge Systematics, Inc.; Middlesex Turnpike - Route 3 Corridor Planning Study, Burlington, Bedford and Billerica, MA. Previous studies include the impact of the Revere Beach Connector; updating the Eastern MA Regional Highway Network; urban traffic & parking revitalization studies in Attleboro, Dartmouth, Gloucester, Maynard, Milford, Natick, Norwood, Salem and Somerville (Assembly Sq.), MA.

a. Name & Title:
John J. Kennedy, P.E.
Associate

b. Project Assignment:
Transportation Systems Management

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
B.S., 1972, Civil Engineering, Northeastern University, Northwestern University Short Courses; Urban Street System Design,1976; Traffic Signal Systems, 1978

f. Active Registration: Year First Registered/Discipline
1978, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Kennedy has participated in studies of MDC Parkways including the Lynnway and Storrow Drive/Soldiers Field Road. Studies of other major arterials include U.S. Route 1 North in Saugus and Burlington Mall Road, MA; Daniel Webster Highway and Amherst St., Nashua, NH; Delaware Ave. San Mateo, CA. He assisted in the Boston Transportation Planning Review with analysis of the Sumner-Callahan Tunnel, Northwest Corridor and Central Artery study areas. In recent years, he has directed Vanasse/Hangen studies in traffic signalization including 138 locations in Portland and Lewiston-Auburn, ME; Chicopee, Gloucester, Newburyport, Norwood and Salem, MA. Sanford, ME; White Plains, NY. Mr. Kennedy has also participated in transportation and environmental impact studies for bicentennial parking facilities in the District of Columbia, Maryland and Virginia; a Sports Center Complex in Baltimore, planned unit developments and shopping malls in Mass. and New Hampshire.

3. Work by Firm o[illegible] if Venture Members which Best Illustrate Current Capabilities

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
) Liberty State Park Jersey City, NJ (GBQC)	Comprehensive Master Planning	Dept. of Environmental Protection Trenton, NJ	1985	153,000	153,000
) Market Street Renewal Corning, NY (GBQC)	Comprehensive District Restoration Project	Corning Urban Renewal Agency Corning, NY	1975	N/A	N/A
) Penn's Landing Master Plan Philadelphia, PA (GBQC)	Comprehensive Master Planning	Frankel Enterprises Philadelphia, PA	1973	N/A	N/A
) Flint Riverfront Center Flint, MI (GBQC)	Design Standards and Developer Guidelines	Dept. of Community Development Flint, MI	1979	N/A	N/A
) Capitol South Redevelopment Project Columbus, OH (CGHA)	Architectural and Planning Coordination of $400 Million Mixed-Use Project	Capitol South Community Urban Redevelopment Corporation 81 South Fifth Street Columbus, OH	1981	375,000	200
) Fall River "Linkage" Study Fall River, MA (CGHA)	Development Linkage Study - Downtown to Waterfront)	Fall River Redevelopment Authority Fall River, MA	1984	--	20
) MIT Simplex Site Cambridge, MA (CGHA)	Prepared Developer Kit and Assisted in Developer Selection	Massachusetts Institute of Technology Cambridge, MA	1984	--	20
) Apple Hill Office Development Natick, MA (CGHA)	Prepared Master Plan; Complete Architectural Services	Apple Hill Associates 20 Walnut Street, P.O. Box 342 Wellesley, MA	1987	50,000	50,000

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
9) Logan International Airport Vehicular Access Study East Boston, MA (V/H)	Vehicular Access Study of Logan Airport, East Boston and Bird Island Flats	Massport Authority 99 High Street Boston, MA	1981	50	50
0) Commercial Pier (BOSCOM) Environmental Impact Report South Boston, MA (V/H)	Access Study for Major Conference/Convention Center on Waterfront	Massport Authority 99 High Street Boston, MA	1982	60	40%

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
CGHA None.					
GBQC U.S. Coast Guard Marine Safety Office Philadelphia, PA	Architectural and Engineering Services	Dept. of Transportation Third Coast Guard District New York, NY	5	13,450	13,450
V/H None.					

PLEASE SEE LETTER AND ATTACHMENTS.

1. The foregoing is a statement of facts.

Signature: Gordon L. Brigham Typed Name and Title: Gordon L. Brigham, Exec. Vice President

Date: 15 December 1982

Standard Form 255 July 1975

November 15, 1982

DEC 1982

Mr. Gary R. Brown
Boston Redevelopment Authority
One City Hall Square
Boston, MA 02201

DEC 15

Dear Mr. Brown:

Cooper, Eckstut Associates would like to assist the Boston Redevelopment Authority, the Massachusetts Port Authority, and the East Boston Project Advisory Committee in the preparation for bidding of the 56 acres of the East Boston Piers 1-5. Attached is a description of CEA's approach and relevant work in similar projects, especially Battery Park City in New York, and the consultants that we used in these projects. We prefer, however, to work with local consultants where possible, and so would like to leave open the possibility for changes in subconsultants between now and January 15. These changes, as with all subconsultants, would be subject to BRA approval.

Also attached are copies of our brochure, the Battery Park City Master Plan and Commercial Center Development Guidelines, and some articles about the projects.We appreciate your consideration of our qualifications, and would be happy to answer any questions you might have, either by phone or in Boston.

Sincerely,

COOPER, ECKSTUT ASSOCIATES

David McGregor
Director of Administration

/kk

Alexander Cooper AIA
Stanton Eckstut AIA
David McGregor
Robert W. Ponte PhD

Roland Baer
Victor Caliandro AIA
Geoffrey S. Koper
Brian Shea

INTRODUCTION TO THE FIRM

CEA is an architectural, urban design, and planning firm, with 24 professionals; at least half its workload is in public design projects aimed at attracting private development while requiring minimal public investment. The firm's principals have worked together for a dozen years, originally in New York City government. Alexander Cooper was, successively, Director of Design for the Housing and Development Administration, Director of the Department of City Planning's Urban Design Group, and a member of the City Planning Commission. Stanton Eckstut was a member and the Director of the Urban Design Group. David McGregor was the Director of Planning for Manhattan for the Department of City Planning, then Assistant to the Mayor, and then, Commissioner of Development. Robert Ponte was Senior Planner for the Mayor's Office of Midtown Planning and Development.

Because public projects marrying public needs with private development, where the private development is to finance the public improvements, are complex, they require major commitments of principal time. Therefore, the firm has grown only to the size that reflects the principals' ability to service each job properly. When we were too busy, we have declined attractive job offers (e.g., revising New York City's Midtown zoning ordinance). Where a project's utility to the public agency was judged marginal or when eventual implementation was considered unlikely, we have not applied. CEA pursues only those jobs where a substantial benefit to the public agency is possible, where the agency is committed to success, and where CEA's workload admits a full and proper effort. This is such a job, and our workload is well-timed to it.

CEA's major recent public workload has been on Battery Park City, the 42nd Street Redevelopment Project, and the Back Office Development Project, all in New York City; a design and redevelopment plan for the 36-acre Reed-Putnam waterfront of South Norwalk, Connecticut, and the Downtown Rezoning Study for Stamford, Connecticut. With the Battery

Park City Commercial Center half-leased and in full construction, the leases under negotiation for Phase II's 1900 housing units, and the first section of the waterfront Esplanade in construction, CEA's role in Battery Park City is now primarily in architecture and architectural design review, rather than urban design. We are involved in the design review on the commercial and residential development, design development drawings on the second architectual phase of the Esplanade (the first phase is nearing completion of construction), and the urban design of the North Residential Area. The latter is on hold, however, until a resolution of the possibility of a public events facility in the area. On 42nd Street, the design work has been completed, and developers designated, and moneys committed by the developers for site acquisition; major design review work will not occur until after Board of Estimate approval of the project, in the spring of 1983. The report of the Back Office Development Project will be submitted January 3.

CEA PERSONNEL

Accordingly, we have the senior personnel time to commit to the East Boston Piers project. As with Battery Park City, which the Piers project resembles closely, both Alexander Cooper and Stanton Eckstut would participate as design partners. They shared the work on the Battery Park City Master Plan. Mr. Cooper was partner-in-charge for the Commercial Center Development Guidelines and Esplanade II, and Mr. Eckstut was partner-in-charge for the Phase II Residential Guidelines and Esplanade I. Brian Shea, Associate, would be the project manager; he was responsible for the day-to-day design work on the Battery Park City Commercial Center, the 42nd Street Redevelopment Project, and the Back Office Development Project. Other CEA personnel would contribute on an as-needed basis, including Mr. McGregor and Mr. Ponte in development process and economics.

CEA has developed a reputation for projects that meet the tests of quality, cost and the marketplace. As the results of Battery Park City and 42nd Street show, our designs are real, and they work -- mainly, we think, because our background in public life gives us a sensitivity to and an understanding of public issues. We also know the limits and possibilities of the public process. And our work for private clients has imbued us with the private owner's perspective, which is important to understand in order to make projects financially feasible. We are the design and market analysis adviser to the Rockefeller Center Development Corporation on all its projects nationwide, and designer and architect of its office park in Phoenix, Arizona, and its 3 million square foot Foreign Trade Zone in New Jersey. We are also designing an office park in Atlanta that is owned in partnership by David Rockefeller and Stavros Niarchos, and are doing two projects for residential developers in New York City.

Since Boston wants the East Boston Piers project to succeed, we offer as evidence the results at Battery Park City (whose Commercial Center is the largest office project under construction in the United States) and 42nd Street: our large-scale public design/private development projects get approved and are built.

SUBCONSULTANTS

Our work in each project has been importantly assisted by our subconsultants. We have hired the best local expertise to ensure that existing physical, market and cost conditions are accurately reflected. Where appropriate, we have hired consultants not local to the project. We describe below the consultants we used on Battery Park City, because it was a good team and a successful project; for the East Boston Piers work, however, we would want to consult with the BRA on appropriate consultants: for example, Haley & Aldrich are excellent geotechnical engineers, and based in Boston. We have worked

successfully both at leading multi-consultant teams that we have chosen (Battery Park City) and working with other consultants suggested by and occasionally hired directly by the client (42nd Street Redevelopment Project).

The East Boston Piers work would require specialized services from geotechnical engineers, civil engineers, traffic engineers, landscape architects, economic advisers, and cost estimators.

Mueser, Rutledge, Johnston, DeSimone (Geotechnical)

Mueser, Rutledge, Johnston, DeSimone (of New York City) is the nation's oldest firm specializing in geotechnical subsurface engineering. The firm has established its worldwide practice by providing solutions for unusual and difficult problems. Mueser, Rutledge, Johnston, DeSimone provides its clients with in-depth knowledge of a highly specialized and complex field, practical experience and the personal attention of its partners.

The firm has assisted in, or is presently engaged in, some of the most significant construction projects of the century. Among its projects, the firm has been involved in the New York City Convention Center, the Long Wharf Redevelopment Project in New Haven, and worked with CEA on Battery Park City, and the Back Office Study.

Vollmer Associates (Civil Engineers)

Vollmer Associates, based in New York City, has worked with CEA on Battery Park City, the New Jersey Foreign Trade Zone, and several other projects.

A nationwide firm of civil engineers and transportation planners, Vollmer Associates has contributed a full range of technical skills to successful waterfront developments in many cities. The firm is especially well qualified in resolving transportation access problems.

In the past, the firm has helped government accomplish numerous waterfront projects. Examples are the traffic and utility systems for Battery Park City (New York); a recreation strategy for the Barge Canal (New York); and a master plan for preserving and enhancing the Delaware and Raritan Canal (New Jersey).

Warren Travers Associates (Traffic Engineers)

Headquartered in Clifton, New Jersey, Travers Associates has served more than 1,500 clients in its 20-year history. Travers Associates is known for its programmatic yet original responses of difficult transportation planning and traffic engineering problems. The firm has maintained a constant core of senior staff which allows the involvement of the principals during all phases of a project.

Travers Associates and CEA enjoy a close working relationship, including association on the New Jersey Foreign Trade Zone and the 42nd Street Development Project.

Hanna/Olin, Ltd. (Landscape Architects)

Hanna/Olin, Ltd. (based in Philadelphia) and Cooper, Eckstut Associates have worked together on Battery Park City and the New Jersey Foreign Trade Zone.

Hanna/Olin's work includes corporate and public landscape work along the Eastern seaboard and abroad; the partner-in-charge for this job, Laurie Olin, is in Boston on a three-day-a-week basis.

Eastdil

(Economic Advisers)

Eastdil was the economic adviser on the Battery Park City and 42nd Street Projects, and has worked in Florida, Texas, Michigan and elsewhere around the country. Services include real estate underwriting, financing and support services; at Battery Park City and 42nd Street, Eastdil advised the public agencies on market economics and lease negotiations.

Wolf and Company

(Cost Estimating)

Wolf and Company, based in White Plains, New York, provides construction cost estimating services for projects throughout the country. The firm has a proven track record for accuracy, and extensive experience with a wide variety of development projects.

CEA has consulted with Wolf and Company on all of its major projects, including the 42nd Street Development Project and Battery Park City.

CEA APPROACH

As noted above, CEA applies for projects only when its workload allows sufficient concentration of senior personnel time. In addition, the site must have at least reasonable prospects of being marketable if well-designed, and the public client must be willing to invest substantial amounts of time with CEA to insure the design result that most closely fits the client's needs. We have found, each time, that this client involvement -- on a continuing basis and not just at the formal review times -- is crucial to the right result.

As former public officials, and as advisers to the Rockefeller Center Development Corporation , we have learned to combine public policy concerns and the private developer's needs in each project, to achieve

defined public goals while allowing a fair return to the builder. We believe this amalgamation of public and private concerns has helped make our development plans real.

We approach design of large scale sites with certain preconceptions:

- -designs must build on existing surrounding strengths and fabrics, preserving what is servicable and tieing the new together with the old
- -large scale development plans, because they will be built out over several years, must be flexible enough to adapt to changing market conditions
- -the staging should generate an early cash flow, minimizing public expenditure by starting in areas of opportunity and moving to stages that require any major public investment only after tax or ground lease revenues have begun to flow from the earlier stages
- -designs should be simple. Earlier failures at Battery Park City and 42nd Street were due in good part to extensive and expensive two-level pedestrian and vehicular circulation systems
- -designs should create a place, an address. Effective design of the street and block system and public open spaces, which leaves some flexibility in building type and architecture on development parcels, can create value without removing initiative and creativity from the private side.

East Boston Piers and Battery Park City: Two Similar Projects?

The East Boston Piers project as described in East Boston Harborside (June 1982) seems akin to Battery Park City as a project type, and similar as a development process to Battery Park City, as described in the abbreviated scope of services. Attached are copies of the BPC Master Plan and the Commercial Center Design Guidelines, developed by CEA and used by Battery Park City in a manner apparently similar to that intended for the Master Plan and Development Plan asked for in the abbreviated scope.

Battery Park City was envisioned in 1966, funded with $200 million of bond money for expenses and infrastructure in the late 1960's, and was nearly bankrupt in 1979. Through a combination of an overly complex design and a weak market, no developers had been attracted to undertake the project, and the first principal repayment (intended to be funded from project ground lease revenues) was due. Facing bankruptcy, the Battery Park City Authority hired CEA to do a new Master Plan, which was accepted by the Governor, legislature, and Mayor in late 1979; the legislature then agreed to advance the principal repayment for the first year. Subsequently, guidelines were drafted for the Commercial Center and the Phase II residential development.

These guidelines were the basis of competitive developer bids. In part because of an improved market, and in part because of the process, bids received were twice and three times the value expected: with public policy goals already specified in the Guidelines and adopted by the relevant agencies, developers knew there would be no public approval delays and therefore minimal costs of carry; and facing specificity in use and design, the only way to win designation was with the best financial bid and development schedule. More developers bid, because there is no developer design cost; only the winning developer pays (and at 42nd Street the successful developers refunded all the upfront public agency design costs as one part of the requirement for being designated).

This appears close to the process intended for Piers 1-5, and we feel comfortable with it (the same process was also followed with our 42nd Street Development Guidelines).

The Piers Project presents a substantial opportunity. Perhaps most importantly, the public process is well underway, with a well-developed program of uses and appropriate community and relevant agency participation. The site opportunities and limitations, as outlined,

are common to waterfront sites, and similar to those we have faced in Battery Park City, Long Island City (Back Office Study), and Norwalk: spectacular views but bad traffic access, low relocation load but landfill and extra structural costs. While the Battery Park City Master Plan was done in three months -- necessarily because of the impending principal repayment -- much was known in advance: a general program, existing landfill and soil conditions, certain traffic requests. Although less work has been done on Piers 1-5, the general agreement on program and the successful initiation of a public process show public commitment to a rejuvenation of the area. CEA would like to be part of that.

DESIGN DEVELOPMENT RESOURCES NO. 255

WITH

HALCYON LTD.

DESIGN DEVELOPMENT RESOURCES
Limited Partnership

560 Fifth Avenue New York, New York 10036
212/944•6680

410 East Water Street Suite 600
Charlottesville, Virginia 22901
804/971•8464

DEC 15 1982

14 December 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
One City Hall Square
Boston, Massachusetts 02201

Dear Mr. Ryan,

Design Development Resources/Eisenman Robertson Architects is pleased to respond to your request for letters of interest and statement of qualifications for Master Planning Consultant Services for the East Boston Harborside Project.

We would propose to carry out the work in association with Halcyon Ltd. and with the assistance of a suitably qualified Boston-based civil engineering firm. Since we received the material describing the project today and we understand that your deadline for receiving letters of interest is tomorrow, 15 December, Design Development Resources/ Eisenman Robertson Architects and Halcyon, Ltd. are submitting their qualifications statements under separate covers. We respectfully request that they be reviewed together by you and your staff. We believe that our firms are uniquely qualified to carry out the greater part of the Master Planning work program, however the services of a civil engineer will be required and should we be selected for interviews on the basis of our overall planning, development and marketing experience, we will undertake to identify and bring into our team a suitably qualified, locally knowledgeable civil engineering firm with appropriate experience in waterfront projects.

The central objective of the master plan and the agreements to be worked out among the Authority, Massport, the City of Boston and the East Boston Project Advisory Committee is to define a development program that is attractive to all of the participants in the

Peter Eisenman FAIA
Christopher J. Glaister
Jaquelin Taylor Robertson FAIA AICP

process but that must, in the end, meet the test of market feasibility.

The development of any real estate is both an end and a means. The distinction depends upon the view point. The experience of both of our firms is in working with organizations with the means to achieve their objectives. We approach projects pragmatically, recognizing strategic needs as well as market dynamics in order to develop creative concepts that are capable of addressing real world investment objectives. Both of our firms have been in the past, and are currently, involved in the design and the implementation of large scale mixed use projects. The principals advise local and national; public and private organizations at the highest policy levels. Our exposure to government, corporate, and financial communities has given us the confidence and ability to enlist their support in defining and testing our development proposals. The two firms combine broad based master planning experience, as evidenced by the range of international and nationally known projects that we have undertaken, with the practical commercial development experience that comes with day to day involvement with all aspects of developing, marketing, leasing and managing retail, housing and commercial development projects. We believe that these are the qualities that will be required to successfully implement the East Boston Harborside Project.

Both firms are familiar with Boston and its waterfront. Halcyon Ltd. is currently involved in the Charlestown Navy Yard redevelopment project and both firms are familiar with the particular needs of waterfront projects. Halycon Ltd.'s experience is described in their submission. Design Development Resources/ Eisenman Robertson Architects has recently completed, with Sasaki Associates, a study for the redevelopment of part of the waterfront of the historic city of Charleston, South Carolina. The firm has also recently completed a study of the riverfront properties

of Virginia Electric and Power Company in the City of Richmond. The firm is the planning and architectural advisor to Avatar Holdings, Inc., a land development company with extensive waterfront properties in Florida and California. Jaque Robertson, a principal of the firm, is currently the urban design and development advisor to the City of Norfolk. Christopher J. Glaister, another principal, was responsible for the day to day management of the Westside Highway Project in New York which required the master planning of over four miles of the Hudson River waterfront, and a consultant to the team that revised the Battery Park City Master Plan.

In addition to the planning and development advisory experience the firm is nationally known for its innovative architectural design work. The most important of our recent projects are described in the attached brochure. In the past three years the firm has participated in three invitational national and international design competitions. In 1980 we were one of six firms invited to participate in a competition for the design of Pioneer Courthouse Square in Portland, Oregon. In 1981, we were invited to compete in a limited international competition sponsored by the International Building Exhibition for West Berlin, Germany. We were awarded Special First Prize for a project to be located at Checkpoint Charlie, at the Berlin Wall. The first phase of that project, a residential block, is currently in final design development. Most recently, Eisenman Robertson Architects was one of six firms selected to participate in a competition for the design of a Civic Center for the City of Beverly Hills. The firm has received a number of design awards, most recently the 1982 A.I.A. Honor Award.

Both Design Development Resources/Eisenman Robertson Architects and Halcyon Ltd. are experienced in dealing with community groups and recognize the sensitivity of these groups to local impacts of development such as

traffic, redevelopment pressures, increases in property values and changes in traditional neighborhood patterns of activity. At the same time we believe that our multi-level approach to the evaluation of alternative proposals and recognition of the early contribution of different "stakeholders" (i.e. those who can influence or can be influenced by the project) enable us to be effective in negotiating trade offs to produce satisfactory and broadly supported development projects.

The scale and complexity of the project are significant. The short time available to prepare our qualifications statement and the limitations of a written proposal do not, we believe, permit you to measure the depth, skill and commitment that we feel that we can make to the project. We would appreciate an opportunity to introduce to you and your staff the professionals of our team and the principals who would undertake the work. We will be pleased to meet with you at your convenience.

Yours sincerely,

C. J. Glaister

Christopher J. Glaister
Partner
Design Development Resources

CJG/jag

254

Architect-Engineer and Related Services Questionnaire

Design Development Resources/Eisenman Robertson Architects
560 Fifth Avenue
New York, New York 10036

1a. Submittal is for ☒ Parent Company ☐ Branch Office

Established: 1980

2. Date Prepared: 1 Sept. 1982

4. Type of Ownership: Partnership

4a. Minority Owned ☐ yes ☒ no

5. Name of Parent Company, if any:

5a. Former Firm Name(s), if any, and Year(s) Established:

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Peter D. Eisenman — Partner — 212-944-6680
2) Arthur A. Baker — Partner — 212-944-6680

7. Present Offices: City / State / Telephone / No. Personnel Each Office

560 Fifth Avenue, New York, New York 10036 — 212-944-6680 — 21
410 East Water Street, Charlottesville, Virginia — 804-971-8464 — 6

7a. Total Personnel 27

8. Personnel by Discipline:

4 Administrative	___ Electrical Engineers	___ Oceanographers	___
8 Architects	___ Estimators	2 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
12 Draftsmen	1 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	___

9. Summary of Professional Services Fees Received: (Insert index number)

	Last 5 Years (most recent year first)				
	19 82	19 81	19 80	19 -	19 -
Direct Federal contract work, including overseas	___	___	___	___	___
All other domestic work	4	4	2	___	___
All other foreign work*	1	1	___	___	___

*Firms interested in foreign work, but without such experience, check here: ☐.

Ranges of Professional Services Fees

1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1) 008	2	$ 200	11) 060	3	$ 300	21)		
2) 017	2	$ 200	12) 072	3	$ 600	22)		
3) 046	3	$ 500	13) 078	7	$1000	23)		
4) 047	2	$ 200	14) 079	8	$ 100	24)		
5) 048	2	$ 150	15) 087	2	$ 150	25)		
6) 049	2	$ 300	16) 088	2	$ 100	26)		
7) 050	5	$ 250	17) 110	5	$ 150	27)		
8) 052	2	$1500	18) 117	15	$ 100	28)		
9) 055	4	$ 250	19)			29)		
10) 058	2	$ 250	20)			30)		

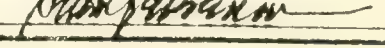
11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
088	IE	1 Experimental Theatre Complex University of Iowa Iowa City, Iowa	University of Iowa Iowa City, Iowa	4,500	1984
047 089 072	P	2 Ohio Building Toledo, Ohio	The Harlan Company 150 E. 58th Street New York, New York	5,500	1980
047 089	P	3 Commercial Block Cary Street Richmond, Virginia	Richard Stutts 1211 East Cary Richmond, Virginia	1,500	1983
048	IE	4 Surgical Intensive Care Unit Charlottesville, Virginia	University of Virginia Medical Center Charlottesville, Virginia	525	1980
049 050 072	JV	5 Pennsylvania Avenue Triangle Washington, D.C.	B.F. Saul Co. 8401 Connecticut Avenue Chevy Chase, Maryland	64,000	1985
050 083	P	6 112 East 72nd Street New York, New York	American Continental Properties, Inc. 630 Fifth Avenue New York, New York	1,000	1983
050	P	7 South Friedrichstadt West Berlin, West Germany	Hauert & Noack GMBH & Co. West Berlin, West Germany	20,000	1983

050	IE	[9] Marcus Garvey Housing New York, New York	New York State Urban Development Corp. New York, New York	26,000	1978
050	P	[10] Flinn Residence Easthampton, New York	Lawrence Flinn Spaeth Lane Easthampton, New York	250	1979
052	P	[11] Madison Components Plant Madison, Indiana	Cummins Engine Company Mail Code 91100/Box 3005 Columbus, Indiana	19,000	1984
055	P	[12] Olympic Place Olympic Tower New York, New York	Victory Carriers Inc. Fifth Avenue New York, New York	2,000	1982
058	IE	[13] Neuro Pathology Research Lab Charlottesville, Virginia	University of Virginia Medical Center Charlottesville, Virginia	5,300	1982
058	IE JV	[14] Arco Chemical Engineering Center Newtown Square, Pennsylvania	Atlantic Richfield Corporation 717 Fifth Avenue New York, New York	70,000	1981
060 089	P	[15] New Brunswick Theological Seminary New Brunswick, New Jersey	New Brunswick Theological Seminary 17 Seminary Place New Brunswick, New Jersey	1,450	1983
072	P	[16] Westchester Office Building Tarrytown, New York	Peter J. Sharp & Company 555 Madison Avenue New York, New York	25,000	1984
072	IE	[17] Agronomic Company Headquarters Tehran, Iran	Agronomics Company Tehran, Iran	6,000	1978
072	IE	[18] 303 South Broadway Tarrytown, New York	Peter J. Sharp & Company 555 Madison Avenue New York, New York	8,500	1979
078	IE	[19] Canberra Master Plan Review Canberra, Australia	Australian National Capitol Development Corporation Canberra, Australia	FEE	1980

)78)87)88)46	IE	21 Westside Highway Project New York City, New York	N.Y. State Department of Transportation U.S. Department of Transportation New York, New York	4,200,000	1986
)78)46	IE	22 Battery Park City 1979 Master Plan New York, New York	Battery Park City Authority New York, New York	FEE	1994
)78)79)46	JV	23 Master Plan for Expo 1992 Miami, Florida	Expo 500 Committee 391 N.E. 15th Street Miami, Florida	600,000	1992
)79	P	24 Browns Island Development Study Richmond, Virginia	Virginia Electric & Power Company P.O. Box 26666 Richmond, Virginia	FEE	1982
10	JV	25 Downtown Bridgeport Urban Design Study	Regional Plan Association 1040 Avenue of the Americas New York, New York	FEE	1982
10	P	26 City of Richmond Urban Design Consulting Richmond, Virginia	Richmond Redevelopment & Housing Auth. 901 Chamberlayne Parkway Richmond, Virginia	FEE	1982
17	P	27 New York Legal Center New York, New York	Association of the Bar of the City of New York New York, New York	FEE	1981
17	P	28 Lincoln Triangle New York, New York	Paul Wiess Rifkind Wharton & Garrison 345 Park Avenue New York, New York	FEE	1982
17	C	29 599 Lexington Avenue New York, New York	Cadillac Fairview Urban Development, Inc New York, New York	FEE	1982
17	C	30 Archdiocese of New York East 44th Street New York, New York	Chemical Bank Real Estate Division 633 Third Avenue New York, New York	FEE	1982

2. The foregoing is a statement of facts

Signature:  Typed Name and Title: Peter D. Eisenman, Partner

Date: 1 September 1982

HALCYON LTD.
Development Consultants
55 High Street
Hartford, Connecticut 06103
(203) 527-1896
Cable: HALCYON

December 14, 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment
One City Hall Square
Boston, Massachusetts 02201

DEC 15 1982

Dear Mr. Ryan:

Re: East Boston Harborside Project

The enclosed materials are being sent to you for inclusion in the DDR-Eisenman Robertson submittal for the above project.

We respectfully request they be reviewed together.

Sincerely,

Michael P. Buckley
President

Enclosures

mnk

ORM (SF)
254
Architect-Engineer and Related Services Questionnaire

1. Firm Name / Business Address:

Halcyon Ltd.
55 High Street
Hartford, CT 06103

1a. Submittal is for ☒ Parent Company ☒ Branch Office

2) Established: 1975

3) 12/14/82

4. Type of Ownership: Corporation

4a. Minority Owned ☐ yes ☒ no

5. Name of Parent Company, if any:

Same as above

5a. Former Firm Name(s), if any, and Year(s) Established:

N/A

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Michael P. Buckley, President (203) 527-1896
2) Theodore M. Amenta, Vice President/Consulting Services

7. Present Offices: City / State / Telephone / No. Personnel Each Office

Halcyon Ltd.
55 High Street
Hartford, CT 06103
(203) 527-1896
23 Personnel

Halcyon Ltd.
c/o Arcade Square
722 Miami Valley Tower
40 West Fourth Street
Dayton, Ohio 45402
(513) 223-1356
3 Personnel

Halcyon Leasing and Management
The Old Mill
2540 California Street
Mountain View, CA 94040
(415) 941-9595
20 Personnel

7a. Total Personnel 46

8. Personnel by Discipline:

11 Administrative	___ Electrical Engineers	___ Oceanographers	4 Marketing
2 Architects	___ Estimators	4 Planners: Urban/Regional	1 Graphic Communications
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	1 Construction Management
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	2 Property Management
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	2 Leasing
2 Draftsmen	___ Landscape Architects	___ Structural Engineers	7 Security
___ Ecologists	___ Mechanical Engineers	___ Surveyors	3 Building Maintenance
2 Economists	___ Mining Engineers	___ Transportation Engineers	5 Landscape

9. Summary of Professional Services Fees Received: (insert index number)

	Last 5 Years (most recent year first)				
	19 81	19 80	19 79	19 78	19 77
Direct Federal contract work, including overseas	3	2			
All other domestic work	5	5	4	3	3
All other foreign work*					

*Firms interested in foreign work, but without such experience, check here: ☒

Ranges of Professional Services Fees
INDEX
1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)
1) 089	8	925	11) 050	2	16	21)		
2) 201	27	1,454	12) 078	2	13	22)		
3) 202	4	27	13) 203	4	18	23)		
4) 079	3	38	14)			24)		
5) 072	16	537	15)			25)		
6)	3	17	16)			26)		
7) 047	6	923	17)			27)		
8) 110	8	889	18)			28)		
9) 017	2	318	19)			29)		
10)	1	37	20)			30)		

11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (In thousands)	Complet Date (Actual Estimat
089 047	P	1 Strawberry Square Renovation of Downtown Harrisburg Harrisburg, Pennsylvania	Harristown Development Corporation P. O. Box 1224 Harrisburg, Pennsylvania 17108	105	197
089 047 041 110	P	2 Arcade Square Renovation Dayton, Ohio	Mead Corporation Courthouse Plaza, N.E.	500	198
089 047 110	P	3 New London Revitalization New London, Connecticut	New London Redevelopment Agency 31 Union Street New London, Connecticut	180	197
089 110	P	4 Downtown Development Plan New Haven, Connecticut	The City of New Haven New Haven Planning Commission New Haven, Connecticut	60	197
089 047 110	P	5 Downtown Mixed-use Development Plan Value Capture Transit/Retail Office	Greater Baltimore Committee Baltimore, Maryland	80	197
201 017	P	6 Civic Center Shops & Corporate Ofcs. Hartford, Connecticut	Aetna Life & Casualty 1 Civic Center Plaza Hartford, Connecticut	390	197
201 021	P	7 The Market at CITICORP Center One Citicorp Center New York, NY	Citibank, N.A. One Citicorp New York, NY	400	1977

201 110	P	20 George Washington University Complex Washington, DC	George Washington Univeristy 2121 Eye Street NW Washington, DC 20052	40	1981
201 072	P	21 PPG Industries Headquarters Pittsburgh, PA	PPG Industries One Gateway Plaza Pittsburgh, PA 15222	30	1981
017	P	22 Old Mill Mountain View, CA	Hexalon Real Estate, Inc. 5 Piedmont Center, Suite 405 3525 Piedmont Road ~~Atlanta, GA 30325~~	Potential 300	1982
201 072 041	P	23 Oxford Centre Pittsburgh, PA	The Oxford Group 4295 Okemos Road Okemos, MI 48864	Potential 80	1982
201 072 089	P	24 Little Building BOSTON, MASSACHUSETTS	David Rubin Maric International Boston, Mass.	16.5	1981
201 072	P	25 Lafayette Center Washington, D.C.	Farr-Jewett Development Washington, D. C.	75	1982
089 201	P	26 Colonial Williamsburg Williamsburg, Virginia	Colonial Williamsburg Foundation Williamsburg, Virginia	3.5	1981
201	P	27 Oakland City Center Oakland, California	Bramalea Development Toronto, Canada	15	1982
201 072	P	28 Main Center Dallas, Texas	Bramalea Development Toronto, Canada	25	1982
201 072	P	29 Block 265 Building Houston, Texas	Wortham & Van Lieu 1010 Lamar Houston, Texas	25	1981
201 072	P	30 Transportation Building BOSTON, MASSACHUSETTS	Boston Redevelopment Authority 1 City Hall Square Boston, Mass.	26.5	1982

12. The foregoing is a statement of facts

Date:

055,201 089		Urban Development Action Grant Program	451 Seventh St., SW Washington, DC		1981
201 072	P	9 SeaGate Riverfront Complex O-I Corporate Headquarters Toledo, Ohio	Owens-Illinois One SeaGate Toledo, Ohio 43666	156	1981
201 072	P	10 Dade County Administration Building Analysis of Joint Miami, Florida Transit-Retail Opportunities	Metropolitan Dade County Office of County Manager 1403 Courthouse Miami, FL 33130	35	1981
202 079	P	11 Cypress Walk Orlando, Florida 350-Acre site mixed-use analysis	Blue Mountain P. O. Box 22001 Lake Buena Vista, FL 32830	20	1982
110	P	12 Lafayette Corridor Analysis New Orleans, LA. Economic Dev. Analysis from Superdome to Mississippi Riverfront	Downtown Development District New Orleans 301 Camp Street New Orleans, LA 70130	24	1981
201 072	P	13 State of Illinois Center Chicago, Illinois	Capital Development Board Suite 300 180 North LaSalle Chicago, IL 60601	50	1981
089 050 110	P	14 Flint Downtown Development Authority Flint, Michigan Housing & Hotel Analysis	Flint Downtown Development Authority 1619 Mott Foundation Building Flint, Michigan 48502	75	1981
047 050 089	P	15 Charlestown Navy Yard Boston, MA Mixed-Use Potentials Analysis	Boston Redevelopment Authority 1 City Hall Square Boston, MA 02201	20	1981
201 072	P	16 AT&T Corporate Headquarters New York, NY	AT&T/195 Broadway Corporation 540 Madison Avenue New York, NY 10007	61	1982
201 110	P	17 New York Exposition & Convention Center New York, NY	Urban Development Corp 1515 Broadway New York, NY	70	1981
201 072	P	18 Crocker Center Los Angeles, California	Maguire Partners 2029 Century Park East Los Angeles, CA 90067	53	1981
		19			

GRUEN ASSOCIATES NO 255

Ammann & Whitney
Coopers & Lybrand
Economic reseach Associates
Jason M. Cortell & Associates
Segal/DiSarcina Associates

GRUEN ASSOCIATES
ARCHITECTURE · PLANNING · ENGINEERING

DEC 15 1982

HERMAN GUTTMAN, AIA
BEDA ZWICKER, AIA
DANIEL M. BRANIGAN, AIA
WILLIAM H. DAHL, AIA
ABBOTT HARLE, AIA, ASID
KI SUH PARK, AIA, AICP
ALLEN M. RUBENSTEIN, ASCE
KURT FRANZEN, AIA

December 13, 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Re: Master Planning Consulting
Services for Boston Harbor
Development Site

Dear Mr. Ryan:

In response to your advertisement appearing in the Boston Globe on December 5, 1982, we would like to express our interest in being considered as a consultant to provide the planning services described.

The study is to be comprehensive in nature and requires participation from several fields. Therefore, we have assembled a mulit-discipline team for this project, a team composed of the people with the specific knowledge and the local experience needed to fill the particular and unique demands of this project.

The enclosed package contains the qualifications for our team members, including GSA Standard Form 254s, where such forms are applicable. The team is composed of:

Gruen Associates - planning, architecture
Ammann & Whitney - waterfront engineering
Coopers & Lybrand - financial
Economics Research Associates - market research
Jason M. Cortell & Associates, Inc. - environmental
Segal/DiSarcina Associates - transportation

Every one of the firms on the team, except our own, is exclusively a Boston firm or has a Boston office. Although our own experience is planning and waterfront planning is national in scope, we know Boston and have worked on projects concerned with the CBD and the waterfront in Boston. We would direct this project from our New York office, if fortunate enough to be selected.

We hope this package of qualifications is sufficient for your needs. Please feel free to call Beda Zwicker or me if you have any questions.

Very truly yours,

GRUEN ASSOCIATES

Dennis B. Clark

Dennis B. Clark AIA, AICP
Director of Planning

STANDARD FORM

254

Architect-Engineer and Related Services Questionnaire

1. Firm Name / Business Address:

GRUEN ASSOCIATES
257 Park Avenue South
New York, New York 10010

Established: 1968

Date Prepared: January 22, 1982

1a. Submittal is for ☒ Parent Company ☐ Branch Office

4. Type of Ownership:

4a. Minority Owned ☐ yes ☒ no

5. Name of Parent Company, if any:

5a. Former Firm Name(s), if any, and Year(s) Established:

Victor Gruen Associates, 1951

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Beda Zwicker, Partner (212) 673-9200
2) Abbott Harle, Partner (212) 673-9200

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Total Personnel 178

New York, New York	(212) 673-9200	40
Washington, D.C.	(202) 785-9444	13
Los Angeles, California	(213) 937-4270	125

8. Personnel by Discipline:

23 Administrative	0 Electrical Engineers	0 Oceanographers	2 Computer Programmers
62 Architects	1 Estimators	20 Planners: Urban/Regional	5 Graphic Designers
0 Chemical Engineers	0 Geologists	0 Sanitary Engineers	5 Environmental Planners
8 Civil Engineers	0 Hydrologists	0 Soils Engineers	
11 Construction Inspectors	5 Interior Designers	1 Specification Writers	
18 Draftsmen	1 Landscape Architects	12 Structural Engineers	
0 Ecologists	0 Mechanical Engineers	0 Surveyors	
0 Economists	0 Mining Engineers	4 Transportation Engineers	

9. Summary of Professional Services Fees Received: (insert index number)

	Last 5 Years (most recent year first)				
	19 81	19 80	19 79	19 78	19 77
Direct Federal contract work, including overseas	2	2	3	2	2
All other domestic work	7	7	7	7	7
All other foreign work*	2	2	2	4	4

*Firms interested in foreign work, but without such experience, check here: ☐.

Ranges of Professional Services Fees

INDEX
1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

Standard Form 254 July 19[illegible]
Prescribed By GSA Fed. Proc. [illegible] (41 CFR) 1-16.802

Experience Profile Code Numbers
for use with questions 10 and 11

001 Acoustics; Noise Abatement
002 Aerial Photogrammetry
003 Agricultural Development; Grain Storage; Farm Mechanization
004 Air Pollution Control
005 Airports; Navaids; Airport Lighting; Aircraft Fueling
006 Airports; Terminals & Hangars; Freight Handling
007 Arctic Facilities
008 Auditoriums & Theatres
009 Automation; Controls; Instrumentation
010 Barracks; Dormitories
011 Bridges
012 Cemeteries *(Planning & Relocation)*
013 Chemical Processing & Storage
014 Churches; Chapels
015 Codes; Standards; Ordinances
016 Cold Storage; Refrigeration; Fast Freeze
017 Commercial Buildings *(low rise)*; Shopping Centers
018 Communications Systems; TV; Microwave
019 Computer Facilities; Computer Service
020 Conservation and Resource Management
021 Construction Management
022 Corrosion Control; Cathodic Protection; Electrolysis
023 Cost Estimating
024 Dams *(Concrete; Arch)*
025 Dams *(Earth; Rock)*; Dikes; Levees
026 Desalinization *(Process & Facilities)*
027 Dining Halls; Clubs; Restaurants
028 Ecological & Archeological Investigations
029 Educational Facilities; Classrooms
030 Electronics
031 Elevators; Escalators; People-Movers
032 Energy Conservation; New Energy Sources
033 Environmental Impact Studies, Assessments or Statements
034 Fallout Shelters; Blast-Resistant Design
035 Field Houses; Gyms; Stadiums
036 Fire Protection
037 Fisheries; Fish Ladders
038 Forestry & Forest Products
039 Garages; Vehicle Maintenance Facilities; Parking Decks
040 Gas Systems *(Propane; Natural, Etc.)*
042 Harbors; Jetties; Piers; Ship Terminal Facilities
043 Heating; Ventilating; Air Conditioning
044 Health Systems Planning
045 Highrise; Air-Rights-Type Buildings
046 Highways; Streets; Airfield Paving; Parking Lots
047 Historical Preservation
048 Hospitals & Medical Facilities
049 Hotels; Motels
050 Housing *(Residential, Multi-Family; Apartments; Condominiums)*
051 Hydraulics & Pneumatics
052 Industrial Buildings; Manufacturing Plants
053 Industrial Processes; Quality Control
054 Industrial Waste Treatment
055 Interior Design; Space Planning
056 Irrigation; Drainage
057 Judicial and Courtroom Facilities
058 Laboratories; Medical Research Facilities
059 Landscape Architecture
060 Libraries; Museums; Galleries
061 Lighting *(Interiors; Display; Theatre, Etc.)*
062 Lighting *(Exteriors; Streets; Memorials; Athletic Fields, Etc.)*
063 Materials Handling Systems; Conveyors; Sorters
064 Metallurgy
065 Microclimatology; Tropical Engineering
066 Military Design Standards
067 Mining & Mineralogy
068 Missile Facilities *(Silos; Fuels; Transport)*
069 Modular Systems Design; Pre-Fabricated Structures or Components
070 Naval Architecture; Off-Shore Platforms
071 Nuclear Facilities; Nuclear Shielding
072 Office Buildings; Industrial Parks
073 Oceanographic Engineering
074 Ordnance; Munitions; Special Weapons
075 Petroleum Exploration; Refining
076 Petroleum and Fuel *(Storage and Distribution)*
077 Pipelines *(Cross-Country—Liquid & Gas)*
078 Planning *(Community, Regional, Areawide and State)*
079 Planning *(Site, Installation, and Project)*
080 Plumbing & Piping Design
081 Pneumatic Structures; Air-Support Buildings
082 Postal Facilities
083 Power Generation, Transmission, Distribution
084 Prisons & Correctional Facilities
085 Product, Machine & Equipment Design
086 Radar; Sonar; Radio & Radar Telescopes
087 Railroad; Rapid Transit
088 Recreation Facilities *(Parks, Marinas, Etc.)*
089 Rehabilitation *(Buildings; Structures; Facilities)*
090 Resource Recovery; Recycling
091 Radio Frequency Systems & Shieldings
092 Rivers; Canals; Waterways; Flood Control
093 Safety Engineering; Accident Studies; OSHA Studies
094 Security Systems; Intruder & Smoke Detection
095 Seismic Designs & Studies
096 Sewage Collection, Treatment and Disposal
097 Soils & Geologic Studies; Foundations
098 Solar Energy Utilization
099 Solid Wastes; Incineration; Land Fill
100 Special Environments; Clean Rooms, Etc.
101 Structural Design; Special Structures
102 Surveying; Platting; Mapping; Flood Plain Studies
103 Swimming Pools
104 Storm Water Handling & Facilities
105 Telephone Systems *(Rural; Mobile; Intercom, Etc.)*
106 Testing & Inspection Services
107 Traffic & Transportation Engineering
108 Towers *(Self-Supporting & Guyed Systems)*
109 Tunnels & Subways
110 Urban Renewal; Community Development
111 Utilities *(Gas & Steam)*
112 Value Analysis; Life-Cycle Costing
113 Warehouses & Depots
114 Water Resources; Hydrology; Ground Water
115 Water Supply, Treatment and Distribution
116 Wind Tunnels; Research/Testing Facilities Design
117 Zoning; Land Use Studies
201 _____
202 _____
203 _____
204 _____
205 _____

Standard Form 254 July 197
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.903

Code	Projects	(In thousands)	Code	Projects	(In thousands)	Code	Projects	(In thousands)
1) 017	30	4,800	11) 048	4	3,300	21) 079	80	1,000
2) 019	5	800	12) 049	6	1,500	22) 087	14	1,250
3) 023	75	200	13) 050	6	1,750	23) 088	30	750
4) 029	5	525	14) 052	5	500	24) 101	30	1,800
5) 032	10	300	15) 055	30	600	25) 107	40	500
6) 033	30	2,500	16) 057	2	750	26) 110	60	2,000
7) 039	7	1,000	17) 058	1	61	27) 117	80	1,500
8) 041	80	300	18) 060	2	700	28)		
9) 045	10	3,000	19) 072	15	2,500	29)		
10) 047	2	200	20) 078	50	1,250	30)		

11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (In thousands)	Completion Date (Actual or Estimated)
017	P	1 Albee Square Mall Brooklyn, New York	Rentar Development Corporation 201 East 42nd Street New York, New York 10017	12,500	1980
019	P	2 Computer Facilities Department of Social Services Albany, New York	Department of Social Services, State of New York North Pearl Street Albany, New York	2,200	1980
023	P	3 Passport Office Headquarters Facility Washington, D.C.	U.S. Department of State 2201 C Street, N.W. Washington, D.C. 20520	9,000	1983
029	P	4 Public Enterprise Center San Bernardino, California	Operation Second Chance, Inc. 341 West Second Street San Bernardino, California 92401	1,000	1977
032	P	5 Development of Energy Performance Standards for New Buildings (Twelve Oaks Mall, Novi, Michigan)	AIA Research Corporation 1735 New York Avenue Washington, D.C. 20006	27 fee	1978
033	P	6 Bay Area Rapid Transit System (BART) Environmental Impact Study (Phases I and II) San Francisco, California	Metropolitan Transportation Commission Ashby and Domingo Avenues Berkeley, California 94705	737 fee	1978
039	P	7 University of California at Los Angeles Westwood Plaza South Mall and Parking Terrace West Los Angeles (Westwood), California	Office of Campus Architects and Engineers 601 Westwood Boulevard Los Angeles, California 90024	4,000	1980

		Twelve Oaks Mall, Novi, Michigan	Minneapolis, Minnesota 55402		
045	P	9 Capital Gallery Washington, D.C.	Boston Properties 1015 Fifteenth Street, N.W. Washington, D.C. 20005	33,000	1982
047	P	10 Historic Preservation of ZCMI Department Store Facade Salt Lake City, Utah	Zions Securities Corporation 40 East South Temple Salt Lake City, Utah 84111	50,000 total project	1978
048	P	11 Industry Health and Family Care Center City of Industry, California	Industry Urban-Development Agency 15660 East Stafford Street City of Industry, California 91744	36,000	1982
049	P	12 Dunes Hotel Atlantic City, New Jersey	Dunes Hotel and Country Club Las Vegas, Nevada 89109	83,000	1982
050	JV	13 The Corinthian Apartments Atlantic City, New Jersey	The Barness Organization Warrington, Pennsylvania 18976	23,000	1983
052	P	14 Feasibility Study and Minimum Programming Documentation, Engineering Management Building Norfolk Naval Shipyard, Portsmouth, Virginia	U.S. Department of the Navy Naval Facilities Engineering Command Norfolk Naval Shipyard, Portsmouth, Virginia 23709	159 fee	1979
055	P	15 Programming, Space Planning and Interior Design American Telephone and Telegraph Company Washington, D.C.	American Telephone and Telegraph Company 195 Broadway New York, New York 10017	6,400	1981
057	JV	16 Government Services Center Atlantic City, New Jersey	Atlantic County Improvement Authority 2921 Atlantic Avenue Atlantic City, New Jersey 08401	18,000	1982
058	P	17 Facilities Expansion University of the West Indies Cave Hill, Barbados	Agency for International Development 320 – 21st Street, N.W. Washington, D.C.	61 fee	1979
060	P	18 Museum of Modern Art Additions and Alterations New York, New York	Trust for Cultural Resources of the City of New York c/o David E. Marrus, Assistant General Manager 11 West 53rd Street, New York, New York 10019	18,500	1982
072	P	19 Ten Eyck Office Building and Garage Complex Albany, New York	New York State Urban Development Corporation 1345 Avenue of the Americas New York, New York 10019	18,500	1977

		Development Program Lackawanna, New York	Steel Corporation Bethlehem, Pennsylvania	150 fee	1979
079	P	21 Space and Missile Test Organization (SAMTO) Management and Engineering Facility Vandenberg Air Force Base, California	Department of the Army, Sacramento District Corps of Engineers, 650 Capitol Mall Sacramento, California	10,000	1983
079	P	22 115th Precinct Station House Queens, New York	City of New York, Department of General Services Bureau of Building Design, Municipal Building New York, New York 10007	3,000	1982
087	P	23 Amtrak Metroliner Capital Beltway Station Prince Georges County, Maryland	U.S. Department of Transportation Federal Railroad Administration 400 Seventh Street, S.W., Washington, D.C. 20591	20,000	1978
088	P	24 Marina del Rey Planning Services Los Angeles, California	Los Angeles County Department of Small Craft Harbors 13837 Fiji Way Marina del Rey, California 90291	425 fee	In process since 1960
101	P	25 Civic Center Complex Municipal Office Building and Convention Center Beaumont, Texas	City of Beaumont P.O. Box 3827 Beaumont, Texas 77704	10,300	1979
107	P	26 Preliminary Design of Eastern Six-Mile Section of Interstate 70 Glenwood Canyon, Colorado	Colorado State Department of Highways 606 South Ninth Street Grand Junction, Colorado 81501	1,000 fee	1979 completion of design
110	P	27 Rainbow Center Mall and Winter Garden Niagara Falls, New York	Niagara Falls Urban Renewal Agency City Hall Niagara Falls, New York 14302	7,800	1977
110	P	28 Century Mall South Bend, Indiana	City of South Bend County-City Building South Bend, Indiana 46601	35,000	1985
110	C	29 Pennsylvania Avenue Improvement Program Washington, D.C.	Pennsylvania Avenue Development Corporation 425 - 13th Street, N.W. Washington, D.C. 20004	7,000	1985
117	P	30 Willowbrook Development Center Staten Island, New York	State of New York, Office of General Services, Tower Building, The Governor Nelson A. Rockefeller Empire State Plaza, Albany, New York 12242	157 fee	1983

12. The foregoing is a statement of facts

Signature: Beda Zwicker **Typed Name and Title:** BEDA ZWICKER, Partner **Date:** January 22, ?

Standard Form 254 July 1975

DEC 15 1982

chicago dallas miami
washington los angeles

December 14, 1982

Dear Mr. Ryan:

Harry Weese & Associates is pleased to submit a proposal for the Boston Harbor Development Site.

Enclosed with this letter is our 254/255 response as requested by your Authority.

We believe our team to be of the highest quality, and ideally suited to your project.

We look forward to your review of our credentials and to the eventual possibility of presenting our team to you in more detail.

Yours truly,

Robert E. Bell, AIA
Vice President

mt
enclosures

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

architects engineers and planners for structures urban design landscape land planning interiors graphics product design industry transportation energy and ecology (312) 467-7030

10 west hubbard street
chicago 60610

STANDARD FORM (SF) 255
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

Master Planning Consultant Services
Boston Harbor Development Site
Boston Redevelopment Authority

2a. Commerce Business Daily Announcement Date, if any:

2b. Agency Identification Number, if any:

N/A

3. Firm (or Joint-Venture) Name & Address

Harry Weese & Associates, Ltd.
10 West Hubbard Street
Chicago, Illinois 60610

3a. Name, Title & Telephone Number of Principal to Contact

Stanley Allan, President 312/467-7030
Robert E. Bell, Vice President 312/467-7030

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

21 Administrative	___ Electrical Engineers	___ Oceanographers	2 Preservationists
37 Architects	___ Estimators	2 Planners: Urban/Regional	1 Illustrator
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
3 Construction Inspectors	___ Interior Designers	2 Specification Writers	___
43 Draftsmen	4 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	115 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

N/A

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Name & Address	Specialty	Worked with Prime before (Yes or No)
Sippican Consultants International, Inc. 1033 Massachusetts Avenue Cambridge, MA 02238	Structural/Mechanical/Electrical/Civil	Yes
Kiley Walker East Farm Charlotte, Vermont 05445	Landscape Architects	Yes
Barton-Aschman Associates, Inc. 820 Davis Street Evanston, IL 60201	Transportation/EIS/Land Use	Yes
Peat, Marwick, Mitchell & Co. 345 Park Avenue New York, NY 10154	Financial/Market Feasibility	Yes
Hanscomb Associates, Inc. 55 West Monroe Street Chicago, IL 60603	Cost Estimating/Value Engineering	Yes

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

a. Name & Title: Harry Weese
Chief Executive Officer

b. Project Assignment: Designer

c. Name of Firm with which associated:
Harry Weese & Associates, Ltd.

d. Years experience: With This Firm 34 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
Bachelor of Architecture/1938/Architecture, M.I.T.
Fellowship in City Planning/1938-39/Cranbrook Accademy
Research Assistant/1939-40/Bemis Hsg. Foundation, M.I.T.

f. Active Registration: Year First Registered/Discipline
1941/Architect/Illinois
1962/Oregon + 24 other states, D.C., NCARB Certified
and Registered Prof. Engineer in Illinois

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Weese directs the design development of all HWA projects and follows through during the entire process, working with the client, consultants and staff. He strives for practical, functional, economical, and wherever appropriate, innovative archiectural/engineering solutions.

A fellow of the American Institute of Architects, Harry Weese serves on many city, state and federal committees in an architectural advisory capacity.

a. Name & Title: Robert E. Bell
Vice President

b. Project Assignment: Project Manager

c. Name of Firm with which associated:
Harry Weese & Associates, Ltd.

d. Years experience: With This Firm 7 With Other Firms 16

e. Education: Degree(s) / Years / Specialization
Bachelor of Architecture/1959/Univ. of Minnesota
Master of Architecture/1963/Univ. of Pennsylvania
Special Studies Open Office Planning/ 1977/Harvard Univ.

f. Active Registration: Year First Registered/Discipline
1977/Architect/Minnesota

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Bell has had extensive experience over the past 20 years with water related commercial and residential projects.

As project manager for marinas in Michigan and Illinois and a high rise condominium on Town Lake in Austin, Texas, Mr. Bell has been involved with design and administration.

Mr. Bell has designed and administered over 2 million square feet of office space and has a number of high and low rise residential projects to his credit.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Year / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1-16 803

Key Persons, Specialists, and Individual Consultants Anticipated ... his Project

a. Name & Title: Edward J. McAlarney, PE
Vice President and Principal

b. Project Assignment: Chief Mechanical Engineer

c. Name of Firm with which associated:
Sippican Consultants International, Inc.

d. Years experience: With This Firm 19 With Other Firms 12

e. Education: Degree(s) / Year / Specialization
Lincoln Institute, Northeastern University/1952-1954
Mechanical Engineering
Lowell Institute, M.I.T./1954-1957

f. Active Registration: Year First Registered/Discipline
1971/HVAC

g. Other Experience and Qualifications relevant to the proposed project: Mr. McAlarney directs mechanical and electrical work for the firm. He has expertise in field operations, construction supervision, and support. As a project director, he has exercised full responsibility for large projects including conceptual design, contract document production, cost control, client relations, and system start-up. Mr. McAlarney's memberships include the National Society of Professional Engineers, the International District Heating Association, the American Society of Heating, Refrigerating and Air Conditioning Engineers, the Massachusetts Society of Professional Engineers, and the American Institute of Engineers. He serves on the Massachusetts Registration Board of Professional Engineers and Land Surveyors.

a. Name & Title: Albert P. Prior, PE
Vice President

b. Project Assignment: Chief Electrical Engineer

c. Name of Firm with which associated:
Sippican Consultants International, Inc.

d. Years experience: With This Firm 19 With Other Firms 13

e. Education: Degree(s) / Years / Specialization
Coyne Electrical School
Northeastern University/AEE/1960/Electrical Engineering

f. Active Registration: Year First Registered/Discipline
1970/Professional Engineering

g. Other Experience and Qualifications relevant to the proposed project: As Department Manager of Electrical Engineering, Mr. Prior supervises all electrical design work. His experience includes the electrical engineering design for ramp lighting at Logan Airport's Southwest Terminal and for numerous commercial and parking garage facilities. His professional memberships include the National Society of Professional Engineers, the Institute of Electrical and Electronics Engineers, and the Illuminating Engineering Society. Before he joined SCI, Mr. Prior was Chief Electrical Engineer for Cabot, Cabot and Forbes.

a. Name & Title: William J. LeMessurier, PE
Chairman of the Board (Founder)

b. Project Assignment:

c. Name of Firm with which associated:
Sippican Consultants International, Inc.

d. Years experience: With This Firm 21 With Other Firms 10

e. Education: Degree(s) / Year / Specialization
Harvard College/BA/1947
Harvard Graduate School of Design/1948/Architecture
M.I.T./MS/1953/Building Engineering

f. Active Registration: Year First Registered/Discipline
1956/Structural Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. LeMessurier is a leading authority in structural design, especially in the design of high-rise steel framed structures. He conceived a tuned mass damper system to reduce wind-induced motion in tall buildings, developed and successfully applied in the design of a new structure and installed in an existing building. Memberships include Specification Advisory Committee of American Institute of Steel Construction (since 1961), American Society of Civil Engineers, Boston Society of Civil Engineers, Boston Association of Structural Engineers (past President), American Concrete Institute, Advisory Board to Division of Construction of Veterans Administration, National Committee on Housing Technology, Structural Clay Products Institute Building Code Committee, Tau Beta Pi and Task Committee Member Building Seismic Safety Council. In the spring of 1978, he was elected to the National Academy of Engineering.

a. Name & Title: Hans W. Hagen, PE
Partner

b. Project Assignment:

c. Name of Firm with which associated:
Sippican Consultants International, Inc.

d. Years experience: With This Firm 21 With Other Firms 0

e. Education: Degree(s) / Years / Specialization
Lafayette College/BS/1960/Civil Engineering
Massachusetts Institute of Technology/MS/1961
Civil Engineering

f. Active Registration: Year First Registered/Discipline
1970/Structural Engineering

g. Other Experience and Qualifications relevant to the proposed project:
As Partner in charge of structural engineering projects, Mr. Hagen has been involved in the design and project management of schools, office buildings, libraries, zoos, exhibition, athletic and transportation facilities. He has served as a Resident Engineer and is active in structural investigations, renovations and remodeling. Mr. Hagen is a member of the American Concrete Institute, American Society of Civil Engineers, National Society of Professional Engineers, and the Boston Association of Structural Engineers. He is past Chairman of the Committee on Structural Loads of the Massachusetts State Building Code Commission

a. Name & Title: Robert A. Lacourse, PE
Vice President

b. Project Assignment:

c. Name of Firm with which associated:
Sippican Consultants International, Inc.

d. Years experience: With This Firm 5 With Other Firms 10

e. Education: Degree(s) / Year / Specialization
Southeastern Massachussetts University/BS/1970
Civil Engineering

f. Active Registration: Year First Registered/Discipline
1976/Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Lacourse has directed the design and preparation of construction documents for civil engineering projects which include shopping centers, housing developments, roadways, recreation facilities, utility systems, sewage treatment and solid waste disposal facilities. As Engineer-in-Charge, he was involved in the civil engineering work for a $15,000,000 railroad improvement program for Amtrak. Mr. Lacourse is a member of the Water Pollution Control Federation.

a. Name & Title: Michael A. Powills, Jr.
Sr. Vice President and
Principal Associate

b. Project Assignment:

c. Name of Firm with which associated:
Barton-Aschman Associates, Inc.

d. Years experience: With This Firm 28 With Other Firms 4

e. Education: Degree(s) / Years / Specialization
Purdue University/Bachelor of Science/Civil Engineering

f. Active Registration: Year First Registered/Discipline
1954/Illinois/Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Powills has been Project Executive for the Morgantown, WV Personalized Rapid Transit Evaluation Project conducted for UMTA, and has undertaken research into dual-mode transit technology for both Allis Chalmers and General Motors. Regarding social impacts of transportation, he has served the Boston and Washington, D.C. Redevelopment Authorities. He has also served as Project Executive for a study of secondary distribution needs for central LA and the Bunker Hill Development Program. His work has dealt with circulation aspects of numerous downtown planning projects including Chicago Minneapolis, Boston, Washington, D.C., LA and Cincinnati. Working either directly for the institutions or for architects I.M. Pei, Harry Weese, and Conklin & Rossant, he has been responsible for planning of circulation and parking facilities for numerous universities and institutions.

He is a member of the Institute of Transportation Engineers, Am. Society of Civil Engineers, Am. Institute of Planners, Nat. Society of Professional Engineers and Advanced Transit Association.

a. Name & Title: Dan Kiley

b. Project Assignment:
Landscape Design and Planning

c. Name of Firm with which associated:
Kiley-Walker

d. Years experience: With This Firm 40 With Other Firms ___

e. Education: Degree(s) / Year / Specialization
Harvard/1936-1938
Graduate School of Design and Landscape Architecture

f. Active Registration: Year First Registered/Discipline
Architecture/1947
Landscape Architecture/1954

g. Other Experience and Qualifications relevant to the proposed project:
. U.S. Army Legion of Merit for Nurenberg Trial Facilities, Germany
. President Kennedy's Advisory Council for Pennsylvania Ave, 1962-65
. Board of Design Redevelopment Land Agency Washington, D.C., 1967-69
. National Academy of Design, Associate Member
. AIA Allied Professions Medal, 1971
. AIA Architects Collaborative Achievement in Architecture Award, 1972
. AIA Gold Medal, Independence Mall, Philadelphia
. Governor's Award, Oakland Museum, California
. Jefferson Memorial Competition, St. Louis, MO Co-winner with Eero Saarinen, 1948
. Air Force Academy, Colorado, Master Plan
. Capitol Parks Housing, S.W., Washington, D.C.
. Dallas Art Museum, Dallas, Texas

a. Name & Title: Gary Mardon
Vice President
(See separate attachment)

b. Project Assignment:

c. Name of Firm with which associated:
Hanscomb Associates, Inc.

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

7. **Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project**

a. **Name & Title:** TONY R. LANCELOT, Regional Vice President (Chicago)	a. **Name & Title:** GARY MARDON, Vice President
b. **Project Assignment:** Project Director	b. **Project Assignment:** Project Leader
c. **Name of Firm with which associated:** Hanscomb Associates Inc.	c. **Name of Firm with which associated:** Hanscomb Associates Inc.
d. **Years experience: With This Firm** 2 **With Other Firms** 17	d. **Years experience: With This Firm** 2 **With Other Firms** 19
e. **Education: Degree(s) / Year / Specialization** Crawley Technical College/England Higher National Certificate, Building, Brixton College of Building, Membership I.Q.S.*	e. **Education: Degree(s) / Years / Specialization** Bournville Grammar/Mathew Boulton College of Technology/ University of Aston/Leading to membership of R.I.C.S.**/1964
f. **Active Registration: Year First Registered/Discipline** N/A	f. **Active Registration: Year First Registered/Discipline** N/A
g. **Other Experience and Qualifications relevant to the proposed project:** Nineteen years experience in the administration, budgeting, cost estimating and control of numerous major construction projects in the U.S.A., the Middle East, Africa and Europe.	g. **Other Experience and Qualifications relevant to the proposed project:** Twenty-one years experience in the preparation and administration of pre- and post-contract documentation, cost planning and cost control on numerous projects in the U.S.A., Europe, Africa and the Middle East.
* Institute of Quantity Surveyors	** Royal Institution of Chartered Surveyors

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1 16 803

7. Brief Resumes of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Robert W. Lee
Principal

b. Project Assignment:
Feasibility Segment Director

c. Name of Firm with which associated:
Peat, Marwick, Mitchell & Co.
NY office: 345 Park Avenue, NY, NY 10154
Boston office: One Boston Place, Boston, MA 02108

d. Years experience: With This Firm 16 With Other Firms ___

e. Education: Degree(s) / Year / Specialization

B.S./Georgia Tech/1953
Industrial Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project: Mr. Lee is the Principal in charge of Peat, Marwick, Mitchell & Co.'s Real Estate Consulting Practice with over 10 years of experience in management consulting for hotels, real estate firms, land owners and developers, industrial firms and retail firms. He has concentrated, during the last five years, in real estate consulting. During this period, he has performed and has been responsible for numerous engagements, including: market research, economic feasibility analyses, development plans and organization structures in support of land development programs for land owners, developers and hotel operators; and the market potential and plans for evaluation of tourism and land development for governmental agencies. His consulting experience has included: urban development plans (e.g., Renaissance Center, Detroit; Embarcadero Center, San Francisco; Olympic Center, Seattle).

a. Name & Title: Bruce B. Bingham
Manager

b. Project Assignment:
Feasibility Segment Manager

c. Name of Firm with which associated:
Peat, Marwick, Mitchell & Co.

d. Years experience: With This Firm 5 With Other Firms ___

e. Education: Degree(s) / Years / Specialization
BA/Rutgers/1968
MPPM/Yale University/1978
Management and Finance

f. Active Registration: Year First Registered/Discipline

MAI Candidate (Appraiser Certification)

g. Other Experience and Qualifications relevant to the proposed project: Mr. Bingham is a Manager with the New York management consulting department of Peat, Marwick, Mitchell & Co. specializing in real estate, marketing and financial analysis. Since joining the consulting staff, Mr. Bingham has participated in a variety of engagements in these areas. As Manager of the New York real estate and recreation practice, recent engagements have included: conducting a market demand and financial feasibility study for Boston, MA to determine the demand for convention and trade show facilities through 1990 and to recommend the best location, facilities mix and space program; conducting an adaptive reuse study of a national historic landmark building in New York City; and conducting a marketing and financial feasibility study for a major multi-use project planned for Cairo, Egypt.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Year / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

3. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Navy Pier Marina Chicago, IL	A/E Services	Department of Public Works City of Chicago 121 North LaSalle Street Chicago, IL 60602	1983 Fall	6,300	6,300
(2) Wolf Point Landings (mid & high rise) Chicago, IL	A/E Services	Wolf Point Landings Partnership Chicago, IL	1985	95,000	95,000
(3) Waters Mark Condominiums Austin, TX	A/E Services	Criswell Development Co. 5501 LBJ Freeway Dallas, TX 75240	1983	60,000	60,000
(4) 200 South Wacker Drive Office Building Chicago, IL	A/E Services	Cushman-Wakefield of Illinois Chicago, IL	1981	30,000	30,000
(5) New England Aquarium Boston, MA	Structural, mechanical electrical and civil engineering and design	New England Aquarium Assoc. Boston, MA	1972	4,000	4,000
(6) Lewis Wharf Renovations Boston, MA	Structural and civil engineering studies and design	S. Timothy Anderson Assoc. Boston, MA	1971	1,000	1,000
(7) Commercial Wharf, West Boston, MA	Structural and civil engineering and design services	Red Moscow-Blue Water Realty	1974	1,000	1,000
(8) M Street Waterfront Area Washington, D.C.	Transportation study	Redevelopment Land Agency	1965		
(9) Inner Harbor Circulation and Parking Plan	Transportation Study	City of Baltimore	1970		
(10) Government Center Traffic Study	Transportation Study	Boston Redevelopment Agency	1967		

9. [illegible] of joint venture members currently being performed directly for federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
U. S. Embassy Housing and Support Facilities Tokyo, Japan	Architectural and Engineering Services	U.S. Department of State Office of Foreign Buildings Washington, D.C.	95%	65,000	65,000
U.S. Embassy Staff Housing, Phase II Accra, Ghana	Architectural and Engineering Services	U. S. Department of State Office of Foreign Buildings Washington, D.C.	In working drawings	9,000	9,000
Master Plan for the Federal Triangle Washington, D.C.	Master Plan, Historic Report, EIS	General Services Admin. National Capital Region Washington, D.C.	95%	350,000	350,000

Over the years, Harry Weese & Associates has developed an excellent reputation, especially in the areas of historic preservation and restoration, government buildings and transportation projects, fine arts complexes, as well as education facilities and libraries. We are known for our respect of historic structures and the human element involved in buildings of all kinds. Our national recognition for excellence in design is reflected by our more than 60 national and local honor awards, including the AIA Firm of the Year Award in 1978.

HWA has had and continues to have water-related projects such as Waters Mark Condominiums in Austin, Texas; Navy Pier Marina, Chicago; River House and Fulton House, Chicago; South Cove Marina, New Buffalo, Michigan; and Lake Michigan College, Benton Harbor, Michigan.

In assembling the major consultants for this project, we have endeavored to bring together people with qualifications and experience to provide a complete range of services. Since the major consultants selected have worked with HWA on any number of projects, we have established efficient and effective working relationships. Once the scope of work has been established in detail, it is possible that we, along with the client, would select specialized consultants including a graphics/exhibition consultant.

Sippican Consultants International, Inc. has had numerous water-related projects beyond those listed in Section 8. Additional projects include the South Street Seaport Museum in New York City, the Baltimore Aquarium, and the Fireboat Wharf, New York City.

Peat, Marwick, Mitchell & Co. has had experience with numerous multi-use projects including a market demand and financial feasibility study for Boston, Massachusetts to determine demand for convention and trade show facilities. The Massachusetts Port Authority and the Boston Redevelopment Authority are clients. Other multi-use studies for projects include such cities as Los Angeles, Houston, Chicago, San Diego, New York City and Honolulu.

11. The foregoing is a statement of facts.

Signature: Robert E. Bell Typed Name and Title: Robert E. Bell, Vice President

Date: December 14, 1982

Hellmuth, Obata & Kassabaum, Inc.
Architects. Engineers. Planners

100 North Broadway. St. Louis. Missouri 63102-2790
Telephone: 314 421 2000 Telex: 44 7192

December 14, 1982

RECEIVED
DEC 15 1982
BOSTON REDEVELOPMENT AUTHORITY
OFFICE OF THE DIRECTOR

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Dear Mr. Ryan:

Thank you for your invitation to submit a proposal to assist the Boston Redevelopment Authority in developing a Master Plan for the East Boston Harborside Site.

We have attached copies of the GSA Standard Form 254/255 for HOK and the 255 forms of our consultant team.

We have reviewed both the scope of services required and the interim report on the future development of Piers 1-5 in East Boston prepared by the BRA.

HOK is well qualified to provide the professional services required for this project and I look forward to the opportunity to personally present our qualifications.

Yours cordially,

Gyo Obata

GO:kg

Attachments

STANDARD FORM (SF)

255

Architect-Engineer Related Services for Specific Project

Boston Harbor Development Site
Boston, Massachusetts

Hollmuth, Obata & Kassabaum, Inc.

2a. *Commerce Business Daily* Announcement Date, if any:	2b. Agency Identification Number, if any:

Firm (or Joint-Venture) Name & Address

Hellmuth, Obata & Kassabaum, Inc.
100 N. Broadway
St. Louis, MO 63102

3a. Name, Title & Telephone Number of Principal to Contact

Graeme Whitelaw
Senior Vice President
212/265-7100

3b. Address of office to perform work, if different from Item 3

Personnel by Discipline:

02	Administrative	6	Electrical Engineers		Oceanographers	6	Criminal Justice Planners	8	Computer Specialists
05	Architects	3	Estimators	23	Planners: Urban/Regional	6	Health Facilities Planners	21	On-Site-Representatives
	Chemical Engineers		Geologists	3	Sanitary/Engineers	3	Industrial Planners	7	Facility Analysts
4	Civil Engineers		Hydrologists		Soils Engineers	28	Graphic Designers	5	Store Planners
21	Construction Admin.	106	Interior Designers	13	Specification Writers	6	Lighting Designers		
06	Draftsmen	31	Landscape Architects	2	Structural Engineers	19	Model Makers		
	Ecologists	8	Mechanical Engineers	1	Surveyors	5	Photographers		
	Economists		Mining Engineers	1	Transportation Planners	2	Delineators	850	Total Personnel

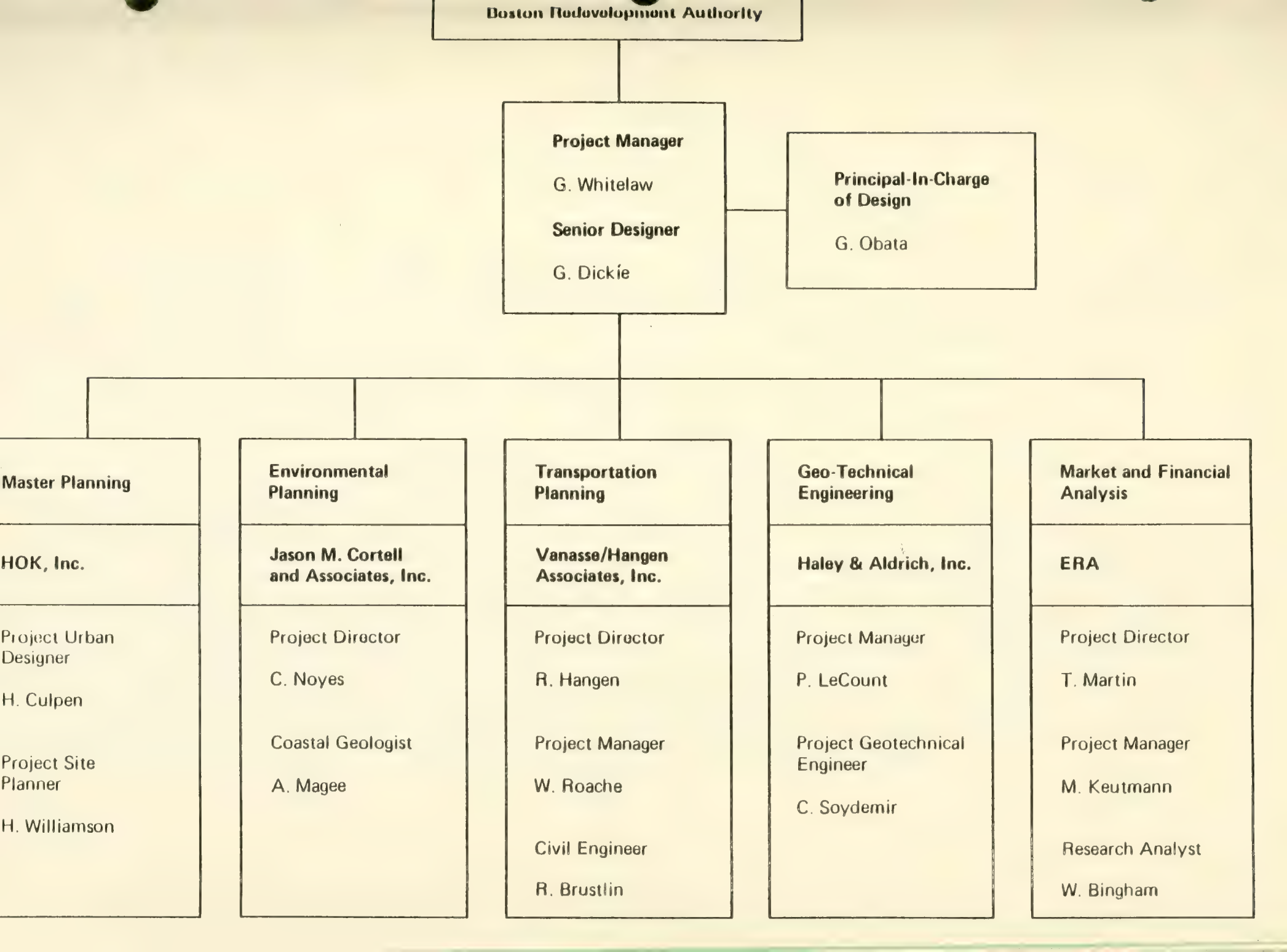
If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: ttach SF 254 for each if not on file with Procuring Office.)

Not a Joint-Venture

. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Jason M. Cortell and Associates, Inc. 244 Second Avenue Waltham, Massachusetts 02154	Environmental Analysis	yes
Vanasse/Hangen Associates, Inc. 184 High Street Boston, Massachusetts 02110	Transportation Planning	no
Haley & Aldrich, Inc. 238 Main Street Cambridge, Massachusetts 02142	Geotechnical Engineering	yes
Economics Research Associates 739 Boylston Street Boston, Massachusetts 02116	Financial and Market Analysis	yes


Boston Redevelopment Authority
Project Manager
G. Whitelaw
Senior Designer
G. Dickie
Principal-In-Charge of Design
G. Obata
Master Planning
HOK, Inc.
Project Urban Designer
H. Culpen
Project Site Planner
H. Williamson
Environmental Planning
Jason M. Cortell and Associates, Inc.
Project Director
C. Noyes
Coastal Geologist
A. Magee
Transportation Planning
Vanasse/Hangen Associates, Inc.
Project Director
R. Hangen
Project Manager
W. Roache
Civil Engineer
R. Brustlin
Geo-Technical Engineering
Haley & Aldrich, Inc.
Project Manager
P. LeCount
Project Geotechnical Engineer
C. Soydemir
Market and Financial Analysis
ERA
Project Director
T. Martin
Project Manager
M. Keutmann
Research Analyst
W. Bingham

a. Name & Title: Gyo Obata, FAIA President and Chairman of the Board	**a. Name & Title:** Graeme A. Whitelaw, AIA, FRAIA
b. Project Assignment: Principal-in-Charge of Design	**b. Project Assignment:** Project Manager
c. Name of Firm with which associated: Hellmuth, Obata & Kassabaum, Inc.	**c. Name of Firm with which associated:** Hellmuth, Obata & Kassabaum, P.C.
d. Years experience: With This Firm 27 **With Other Firms** 8	**d. Years experience: With This Firm** 4 **With Other Firms** 19
e. Education: Degree(s)/Year/Specialization Bachelor of Architecture/1945, Washington University Master of Architecture and Urban Design/1946, Cranbrook Academy of Art	**e. Education: Degree(s)/Years/Specialization** Bachelor of Architecture/1959, Melbourne University
f. Active Registration: Year First Registered/Discipline 1949/Architecture Mr. Obata is registered in 37 states, District of Columbia and Singapore.	**f. Active Registration: Year First Registered/Discipline** 1958/Architecture
g. Other Experience and Qualifications relevant to the proposed project: Mr. Obata is responsible for development of design projects on HOK projects, including master planning and urban design, landscape architecture, and building design. He will provide the project team with basic guidelines throughout the course of the project. Mr. Obata is committed to the problem - solving approach to design and planning, and believes that functional and program requirements must be met in ways that enhance the quality of life in the created environment. Among the major awards his projects have received are citations from the American Institute of Architects, the General Services Administration, the Federal Design Council, and the American Institute of Steel Construction.	**g. Other Experience and Qualifications relevant to the proposed project:** Mr. Whitelaw is responsible for dealing directly with BRA on matters pertaining to the contract, setting of objectives, delivery of services, and monitoring the project results. He will provide leadership in all major internal decisions, reviews and key meetings, and will focus his experience on establishing methodologies, solving problems and reviewing results. Mr. Whitelaw has managed many of HOK's largest projects, including Piers 1.2.3., Boston, Massachusetts; Plaza Square, Pittsburg, Pennsylvania; One Oxford Centre, Pittsburg, Pennsylvania; and Plaza del Rio, San Antonio, Texas.

a. Name & Title:	a. Name & Title:
George Dickie Senior Vice President	Harry S. Culpen Vice President
b. Project Assignment:	**b. Project Assignment:**
Senior Designer	Project Urban Designer
c. Name of Firm with which associated:	**c. Name of Firm with which associated:**
Hellmuth, Obata & Kassabaum, Inc.	Hellmuth, Obata & Kassabaum, P.C.
d. Years experience: With This Firm 2 **With Other Firms** 17	**d. Years experience: With This Firm** 15 **With Other Firms** 2
e. Education: Degree(s)/Year/Specialization Master's Degree/1964/Landscape Architecture	**e. Education: Degree(s)/Years/Specialization** Bachelor of Science/1958, University of Missouri Bachelor of Arts/1965/Architecture, University of Nebraska
f. Active Registration: Year First Registered/Discipline	**f. Active Registration: Year First Registered/Discipline** 1968/Architect
g. Other Experience and Qualifications relevant to the proposed project: To prepare for the U.S. Bicentennial celebration, Mr. Dickie worked on the landscape design of Constitution Gardens, the area between the Lincoln Reflecting Pool and Constitution Avenue and on the refurbishing of the landscape of the Washington Mall area. Mr. Dickie was also involved in the Dow Chemical Freeland Plant project, a study for the development of landscape and architectural design standards for all elements of an 1800-acre site. Most recently, Mr. Dickie was project manager for the development of the University of Alabama Master Plan, which included design guidelines for existing and proposed landscape architecture.	**g. Other Experience and Qualifications relevant to the proposed project:** Mr. Culpen's varied experience has familiarized him with the demands of coordinating large scale urban planning programs. Major HOK projects on which he has worked include the following: Piers 1,2,3., Boston, Massachusetts; Laclede's Landing, St. Louis, Missouri; International Rivercenter, New Orleans, Louisiana; The Galleria, Houston, Texas; Plaza Square, Pittsburg, Pennsylvania; One Oxford Centre, Pittsburg, Pennsylvania; and Plaza del Rio, San Antonio, Texas.

a. Name & Title:	a. Name & Title:
Hugh Williamson Senior Principal	Carlton L, Noyes, Director, Water Quality Group
b. Project Assignment:	**b. Project Assignment:**
Project Site Planner	Project Director for Environmental Planning
c. Name of Firm with which associated:	**c. Name of Firm with which associated:**
Hellmuth, Obata & Kassabaum, P.C. New York, New York	Jason M, Cortell and Associates Inc,
d. Years experience: With This Firm 7 **With Other Firms** 4	**d. Years experience: With This Firm** 11 **With Other Firms** 2
e. Education: Degree(s)/Year/Specialization	**e. Education: Degree(s)/Years/Specialization**
Bachelor of Landscape Architecture/1971	Master of Science/1975/University of New Hampshire
f. Active Registration: Year First Registered/Discipline	**f. Active Registration: Year First Registered/Discipline**
g. Other Experience and Qualifications relevant to the proposed project:	**g. Other Experience and Qualifications relevant to the proposed project:**
Mr. Williamson has been responsible for the site development and landscape architecture of projects in urban and suburban locations, including high-rise office buildings, research and development centers, conference and training centers, hotels, apartment buildings, and retail facilities. Representative of these are: Hunter's Point waterfront project, Long Island City, New York; Waterworks Development Plan, Midland, Michigan; Piers 1.2,3., Boston, Massachusetts Laclede's Landing, St. Louis, Missouri; AT&T Office Complex, Mount Bethel, New Jersey; Echlin Manufacturing Company Corporate Headquarters, Branford, Connecticut; Plaza del Rio, San Antonio, Texas; and 1615 Poydras, New Orleans, Louisiana.	Mr. Noyes has published a variety of studies and presented numerous papers, His most recent publication focused on the New Bedford, MA area, and analyzed the Harbor as a case study in "Waterfront Development and Environmental Quality Conflicts." In his eleven years at JMCA, Mr. Noyes has directed the aquatic impact aspects of all types of projects, He has been responsible for assessing the water quality impacts for the U,S, Army Corps of Engineers for major projects throughout the northeast and mid-Atlantic states. He serves as Project Director for the COE for New England Harbors study which included dredging impacts in Boston Harbor. Mr, Noyes served as Principal Investigator for the Massport Marina Terminal EIR for the Massachusetts Port Authority, a facility present under construction at Boston Harbor after completion of fast-track permitting and approvals. He is presently JMCA's Project Director for the Environmental Impact Statement on the Third Harbor Tunnel crossing of Boston Harbor, with responsibility for all marine and terrestrial studies.

a. Name & Title:	a. Name & Title:
Andrew D. Magee, Coastal Geologist	Richard E. Hangen, Principal
b. Project Assignment:	**b. Project Assignment:**
Coastal Geology	Project Director for Transportation Planning
c. Name of Firm with which associated:	**c. Name of Firm with which associated:**
Jason M. Cortell and Associates Inc.	Vanasse/Hangen Associates, Inc.
d. Years experience: With This Firm 2 **With Other Firms** 2	**d. Years experience: With This Firm** 4 **With Other Firms** 15
e. Education: Degree(s)/Year/Specialization Bachelor of Arts/1979/Geology/Boston University Master of Arts/1981/Geology	**e. Education: Degree(s)/Years/Specialization** Bachelor of Science/1963/Civil Engineering Master of Science/1967/Civil Engineering
f. Active Registration: Year First Registered/Discipline	**f. Active Registration: Year First Registered/Discipline** 1968/P.E., Civil Engineering
g. Other Experience and Qualifications relevant to the proposed project: Mr. Magee taught laboratories in Coastal Environments at Boston University prior to joining JMCA. His publications include a chapter on Shoreline Processes in the Cape Cod Environmental Atlas and a Technical Report on his work at Westport River. Mr. Magee coordinated a Massachusetts Coastal Zone Management Grant for the Coastal Environmental Research Group. Since joining JMCA, he has completed wave refraction and diffraction diagrams for a COE project at Black Rock Harbor, CT. He evaluated coastal processes and historic erosional/depositional patterns, long shore transport, and inlet sediment circulation patterns for the proposed Washburn Island development and conservation plan at Waquoit Bay. As Assistant Project Director for the environmental portion of the Fan Pier project (Piers 1.2.3.) at Boston Harbor, Mr. Magee is conducting hydrologic analyses of sediment dispersion associated with the creation of a site marina connecting to the Boston Inner Harbor and preparation of requisite environmental documentation and approval submittals.	**g. Other Experience and Qualifications relevant to the proposed project:** Mr. Hangen has directed many comprehensive transportation studies, traffic engineering, highway and parking design projects in densely developed corridors and cities in northeast United States. He directed the Vehicular Access Study of access-egress between Logan International Airport and the East Boston community, including the impact of the Bird Island Flats development at Logan. He has extensive involvement in economic revitalization plans for business districts throughout New England including: Boston's Auto Restricted Zone; Fitchburg, Gloucester, Lawrence, Lowell, Medford, Salem, Webster & Weymouth in Mass.; Lewiston/Auburn and Portland, Maine. He directed the firm's efforts on impact studies for major land developments including: Harvard Square, Cambridge; Red Sox Parking/Neighborhood Impact; alternative sites for multi-purpose stadiums for Minnesota Vikings/Twins; Newton Corner; MIT Northwest Parcel; Commercial St./Waterfront, Portland, Maine; and numerous shopping malls, industrial parks, hospital expansions & major residential and hotel developments.

a. Name & Title:	a. Name & Title:
William J. Roache, P.E., Vice President	Robert S. Brustlin, P.E., Principal
b. Project Assignment:	b. Project Assignment:
Project Manager for Transportation Planning	Civil/Waterfront Engineering
c. Name of Firm with which associated:	c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.	Vanasse/Hangen Associates, Inc.
d. Years experience: With This Firm 4 With Other Firms 3	d. Years experience: With This Firm 3 With Other Firms 5
e. Education: Degree(s)/Year/Specialization Bachelor of Science/1972/Penn State University Master of Science/1977/Penn State University	e. Education: Degree(s)/Years/Specialization B.S. and A.B./1974/Civil Engineering and Engineering Economics MLA (Landscape Architecture)/1976/Harvard Graduate School of Design
f. Active Registration: Year First Registered/Discipline 1980/P.E., Civil Engineering	f. Active Registration: Year First Registered/Discipline 1979/P.E., Civil Engineering
g. Other Experience and Qualifications relevant to the proposed project: Mr. Roache is in charge of most Vanasse/Hangen transportation and traffic engineering studies, involving capacity and safety analysis, improved geometric design, installation and timing of traffic control devices, parking supply and management, bus and transit studies. He is in charge of the current Transportation Systems Management studies, including signalization at 138 intersections, for the Portland, ME Area Comprehensive Transportation Study (PACTS) and Lewiston-Auburn, ME (LACTS); the Boston Parking Study with Cambridge Systematics, Inc.; Middlesex Turnpike - Route 3 Corridor Planning Study, Burlington, Bedford and Billerica, MA. Previous studies include the impact of the Revere Beach Connector; updating the Eastern MA Regional Highway Network; urban traffic & parking revitalization studies in Attleboro, Dartmouth, Gloucester, Maynard, Milford, Natick, Norwood, Salem and Somerville (Assembly Sq.), MA.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Brustlin is in charge of all Vanasse/Hagen highway design, site development, landscape architecture and surveying crews. Major highway design includes Route 101 in New Hampshire and I-95 safety improvements in Connecticut. Urban Systems design includes Main Street, Nashua, NH; Assembly Square, Somerville; Medford Square, Ring Road & Transit Mall; Maynard Central Business District; Middlesex Turnpike, Burlington and many others. Mr. Brustlin has also supervised Type 5 flood studies (Adams and No. Adams, MA), drainage systems (MDC's Forest Hills Overpass, while with another firm); recreation impact (Big River Reservoir, R.I.); coastal design (Portland, ME Harbor Debris Study; Buttermilk Bay Channel, Bourne, MA; Wells Harbor, ME); lake construction (Stratton Mt., Lake and Dam, VT; West Hill Reservoir, VT); site development, grading, drainage, and all utilities for many corporations.

7. Other Professional Key Persons, Specialists, and Individual Consultants Anticipated for the Project

a. Name & Title:	a. Name & Title:
Peter L. LeCount Vice President	Cetin Soydemir Senior Engineer
b. Project Assignment:	b. Project Assignment:
Project Manager (Geotechnical)	Project Geotechnical Engineer
c. Name of Firm with which associated:	c. Name of Firm with which associated:
Haley & Aldrich, Inc.	Haley & Aldrich, Inc.
d. Years experience: With This Firm 16 With Other Firms 15	d. Years experience: With This Firm 6 With Other Firms 12
e. Education: Degree(s) / Year / Specialization	e. Education: Degree(s) / Years / Specialization
B.C.E. 1951 Rensselaer Polytechnic Institute M.S. 1956 Harvard Graduate School of Arts and Sciences	B.S.C.E. 1957 Robert College Eng. School, Istanbul M.S.CE. 1958 Harvard University M.E.C.E. 1960 Harvard University PH.D. 1967 Princeton University, Geotech. Eng.
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
1959 Maine Civil Engineer	1960 Massachusetts Civil Engineer
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:
Mr. LeCount has had broad experience on numerous and varied geotechnical projects throughout New England. Experience includes geotechnical services for waterfront structures, buildings, highways, bridges and mass transit systems. His responsibilities have included a number of repair and reconstruction projects at the White Fuel marine terminal; condition surveys of existing pile-supported piers or buildings at Long Wharf in Boston, the Boston Globe building, and an over-water retail complex in Brooklyn; and an investigation of the proposed filling of the slip alongside MassPort's Mystic Pier No. 1.	Dr. Soydemir has been project engineer responsible for geotechnical aspects of a diversity of projects. His experience includes land reclamation for port and harbor facilities, waterfront relieving platforms and anchored bulkheads, and cofferdams. His land reclamation experience includes various stabilization techniques of soft, compressible marine deposits (e.g. preloading, sand drains, vibroflotation). Along one Boston waterfront, he has evaluated the wood pile foundations of an old structure and carried out investigations for the expansion of waterfront loading facilities, the proposed Third Harbor Crossing and related connecting highway net-work and a recreational park in the tidal-zone. Dr. Soydemir's experience also includes earthquake design of waterfront structures.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated to Work on Project:

a. Name & Title:
Thomas J. Martin
Vice President and Regional Manager

b. Project Assignment:
Project Director for Market & Financial Analysis

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 11 With Other Firms 4

e. Education: Degree(s) / Year / Specialization

MA University of Washington, City Planning, 1967
BA Southern Illinois University, 1964

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Martin has had extensive experience in land use, urban development and public program development. This experience has involved responsibility for the economic components of urban renewal plans and economic development plans for various cities and private developers. Mr. Martin directed the analysis of the reuse potentials of the Boston Naval Shipyard and the South Boston Naval Annex. He has recently completed the economic analyses for the Near East Riverfront area in Detroit.

a. Name & Title:
Marie H. Keutmann
Senior Associate

b. Project Assignment:
Project Manager for Market and Financial Analysis

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

MBA Columbia University, 1972
BA Smith College, 1966

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Keutmann has had extensive experience in urban economic planning, waterfront development planning, and real estate feasibility studies. She directed the economic components of a revitalization plan for the historic waterfront district in South Norwalk, Connecticut. She is currently managing a project to develop a development plan for a 40 mile stretch of the Salt River in Phoenix.

a. Name & Title: Web Bingham Associate	**a. Name & Title:**
b. Project Assignment: Research Analyst	**b. Project Assignment:**
c. Name of Firm with which associated: Economics Research Associates	**c. Name of Firm with which associated:**
d. Years experience: With This Firm 4 **With Other Firms** 3	**d. Years experience: With This Firm** ___ **With Other Firms** ___
e. Education: Degree(s)/Year/Specialization BA Urban Studies, Hobart College MCRP Urban and Regional Planning, Harvard University	**e. Education: Degree(s)/Years/Specialization**
f. Active Registration: Year First Registered/Discipline N.A.	**f. Active Registration: Year First Registered/Discipline**
g. Other Experience and Qualifications relevant to the proposed project: Mr. Bingham's specialty is in real estate investment consulting. He has worked for major private and public clients in areas of property management, project financial feasibility, mortgage finance, market analysis and appraisal analysis. Mr. Bingham has analyzed a full range of property types including major, mixed use, adaptive reuse, historic rehabilitation, office, retail, hospitals and special use sites. He is presently participating in a major real estate study for the Massachusetts Bay Transportation Authority. He also is assisting to plan joint public/private development of station areas for a rapid transit system under study in Houston, Texas.	**g. Other Experience and Qualifications relevant to the proposed project:**

8. Work by Firm or Joint Venture members which Best Illustrates Current Qualifications Relevant to this project (List not more than 10 Projects)

Hellmuth, Obata & Kassabaum, Inc.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Piers 1.2.3 Boston, Massachusetts	Master planning & Development planning	Carpenter & Co., Inc. 175 Federal Street Boston, Ma 02110	1984	confidential	100%
Hunters Point Waterfront	Master Site Planning	Marshall & Company 380 Madison Ave. New York, NY 10017	1983	confidential	100%
Boston Office Building Study Boston, Massachusetts	Master Planning & Architectural Design study	Beal Companys & JMB Woburn, MA 01801	1982 (study comp)	N/A	100%
International Rivercenter New Orleans, Louisiana	Master planning & architectural design in joint venture	Coleman Development Co. New Orleans LA/J.V. with Southern Pacific Land Co. San Francisco, CA	1977	confidential	50%
Levi's Plaza San Francisco, California	Site planning & architectural design	Bakar, Joseph, Woolsey Associates 411 Borel Ave., Suite 600 San Mateo, CA 94402	1982	70,000,	100%
Laclede's Landing St. Louis, Missouri	Master planning and Urban design guidelines	Laclede's Landing Redevelopment Corporation 717 North First St. St. Louis, MO. 63102	1984	60,	100%
The Galleria I Houston, Texas	Master planning, architectural design	Gerald D. Hines Interests 2100 Post Oak Tower 5051 Westheimer Houston, TX 77027	1977	confidential	35%
One Oxford Centre Pittsburg, Pennsylvania	Master site planning complete architectural services	Oxford Development Corp 300 Monroeville Mall Monroeville, PA 15146 and	1983	120,000,	100%

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
		Edward J. DeBartolo Corp Youngstown, OH			
Centre Point Aurora, Colorado	Master planning, architectural design and landscape architecture	Young Realty Company 252 South Sable Aurora, CO 80012	1982	120 fee	100%
Great Midwest Kansas City, Missouri	Master Development Planning	Great Midwest Corporation 8300 N.E. Underground Dr. Kansas City, MO. 64161	1981	65 fee	100%

IMRE AND ANTHONY HALASZ, INC.
ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS • 116 NEWBURY STREET, BOSTON, MASSACHUSETTS 02116 • TEL: (617) 267-6885

December 15 1982

MR. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

Dear Mr. Ryan:

We appreciate the opportunity to be taken into consideration to provide the required professional services for your EAST BOSTON HARBORSIDE project. Attached please find Standard Forms 254 and 255 as requested.

Sincerely yours

Anthony Halasz

cc. Policy and Management Associates, Inc.
Ammann & Whitney

AH:cc

STANDARD FORM (SF) **255**
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

EAST BOSTON HARBORSIDE PROJECT
East Boston, MA

2a. *Commerce Business Daily* Announcement Date, if any:

—

2b. Agency Identification Number, if any:

Boston Redevelopment Authority

3. Firm (or Joint-Venture) Name & Address

Imre and Anthony Halasz, Inc.
116 Newbury Street
Boston, MA 02116

Consultants:

Ammann & Whitney
48 Inman Street
Cambridge, MA 02139

Policy & Management Associates, Inc.
480 Boylston Street
Boston, MA 02116

3a. Name, Title & Telephone Number of Principal to Contact

Imre Halasz	President	267-6885
Anthony M. Halasz	Treasurer	267-6885

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline: (For individual offices, see SF-254's)

67 Administrative	10 Electrical Engineers	— Oceanographers	1 Financial Analyst
24 Architects	12 Estimators	5 Planners: Urban/Regional	3 Airport Engineers
— Chemical Engineers	— Geologists	1 Sanitary Engineers	2 Engineering Programmers
37 Civil Engineers	3 Hydrologists	4 Soils Engineers	—
45 Construction Inspectors	1 Interior Designers	7 Specification Writers	1 Sociologist
47 Draftsmen	1 Landscape Architects	42 Structural Engineers	1 Environmentalist
— Ecologists	12 Mechanical Engineers	8 Surveyors	
2 Economists	— Mining Engineers	18 Transportation Engineers	354 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

—

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.903

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Policy & Management Associates, Inc. 480 Boylston Street Boston, MA 02116	Socioeconomic environmental impact analysis; transportation, financial and market analysis; urban socioeconomic planning	Yes
2) Ammann & Whitney 48 Inman Street Cambridge, MA 02139	Engineering environmental impact analysis; engineering analysis all disciplines and estimating all disciplines	Yes
3)		
4)		
5)		
6)		
7)		
8)		

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
IMRE HALASZ, President

b. Project Assignment:
Physical Planning & Urban Design

c. Name of Firm with which associated:
Imre and Anthony Halasz, Inc.

d. Years experience: With This Firm 22 With Other Firms 10

e. Education: Degree(s) / Year / Specialization

Polytechnical University of Budapest, Hungary
Diploma of Architecture 1950

f. Active Registration: Year First Registered/Discipline
Reg. Architect: MA 1973, NH 1972, VT 1979
NCARB: 1972 Architectural Assn, London 1958
Reg. Landscape Architect: MA 1969

g. Other Experience and Qualifications relevant to the proposed project:

Experience relevant to proposed project gained as Principal in Charge of projects listed under Sect. 8 of this SF-255 and as Principal in Charge of most of projects listed in SF-254; responsibility for continuity of these projects from conceptual stage to completion. Experience includes working with and for Federal agencies such as NASA, AID, Dept. Transportation, Corps of Engineers; urban renewal agencies; foreign governments; state and city governments; community groups. Tenured Professor of Architecture Massachusetts Institute of Technology. Member Boston Landmarks Commission. Fulbright Fellow, Rockefeller Fellow. Honorary Member Catholic Univ. of Santiago, Chile. International Specialist in Urban Design, US State Dept.

a. Name & Title:
ALAN A. ALTSHULER, Chairman

b. Project Assignment:
Transportation Planning and Analysis

c. Name of Firm with which associated:
Policy & Management Associates, Inc.

d. Years experience: With This Firm 5 With Other Firms 10

e. Education: Degree(s) / Years / Specialization

B.A. 1957 Sociology
M.A. 1959 Political Science
Ph.D.1961 Political Science

f. Active Registration: Year First Registered/Discipline

--

g. Other Experience and Qualifications relevant to the proposed project:

Developed regionwide citizen participatory program in Greater Boston. The innovative elements of this program have been the subject of several books and numerous articles.
As Secretary of Transportation in Massachusetts, directed development of citizen involvement programs in all of the state's urban regions.
Examined and analyzed innovative citizen participation programs for the US Federal Highway Administration.
Chairman of the Department of Polical Science and Professor of Urban Studies and Planning at Massachusetts Institute of Technology.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: ROBERT BRANDWEIN, President	a. Name & Title: LOUIS SANCHEZ, Associate
b. Project Assignment: Financial and Marketing Analysis	b. Project Assignment: Managing Engineer
c. Name of Firm with which associated: Policy & Management Associates, Inc.	c. Name of Firm with which associated: Ammann & Whitney
d. Years experience: With This Firm 5 With Other Firms 10	d. Years experience: With This Firm 20 With Other Firms 3
e. Education: Degree(s) / Year / Specialization B.A. 1955 Economics M.A. 1962 Economics	e. Education: Degree(s) / Years / Specialization BSCE 1964 Structures City University, 1965-9, Structures
f. Active Registration: Year First Registered/Discipline --	f. Active Registration: Year First Registered/Discipline Prof. Engineer: NY 1972, Colo. 1978, NJ 1979 Structural Eng.: MA 1980
g. Other Experience and Qualifications relevant to the proposed project: Directed development of plan for reopening closed steel plant in Youngstown, OH. Plan involved workshops, meetings, and seminars and is being subjected to intensive review, public hearings, and community input. Conducted land use study and analysis of entire waterfront area of New York City. Financial and market studies for waterfront industrial park, manufacturing plants, housing developments, and regional market. Studied economic impact of changes in a regulatory policy on small communities. This entailed extensive, nationwide surveys. Member of Citizens Advisory Committee to 208 Planning Process for Cape Cod.	g. Other Experience and Qualifications relevant to the proposed project: Design, construction supervision, and coordination of a wide range of building projects, transportation facilities, waterfront projects, and special structures. He is office manager for Ammann & Whitney's Boston office and responsible for projects under design in that office. He has functioned as Project Manager or Project Engineer for the following facilities: High Iscano Piers, NY - Rehabilitation BOAC Terminal, JFKIA - New construction CBS, NYC - Rehabilitation 1000 Bridges, NY State - Inspection Delta Terminal Ramps, LaGuardia - New Constr. North Short Transfer Station, NY - Rehab. MBTA Tunnels, Boston - Condition survey Green Line Tunnel, Boston - Rehabilitation Merrimack Housing, Lawrence MA - Rehabilitation

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
1. ELECTRONICS RESEARCH CENTER - NASA Cambridge, MA	Master plan, urban design, implementa- standards, controls	National Aeronautics & Space Administration Washington, DC	1968	80,000	80,000
2. COMMERCIAL WHARF - Downtown Waterfront Urban Renewal Area Boston, MA	Master plan & feasibility study, conversion existing bldgs, new constr.	Blue Water Trust Commercial Wharf Boston, MA	1970	not disclosed	
3. NEW TOWN DEVELOPMENT Wraysbury Lakes, Hemel Hempstead, England	Urban design consultant; waterfront housing & mixed use development.	George F. Eber, Inc. POB 1177, Station 4 1970 Ste. Catherine W Montreal, QUE H3G 2N2	1974	30,000	30,000
4. RECLAMATION, URBAN, & HARBOR DEVELOPMENT Corinto, Nicaragua	Master plan, physical & socioeconomic, and 15-yr implementation plan.	U.S./A.I.D. US State Department Washington, DC	1995	Public and investment $100,000	private to exceed
5. LONG RANGE URBAN PLANNING & URBAN RENEWAL Central Bus. District Santiago, Chile	Urban planning, historic preservation, implementation strategies.	Catholic University & Government of Chile Santiago, Chile	1979	Public and investment $300,000	private to exceed
6. SAN JUDAS DISTRICT CENTER Managua, Nicaragua	Urban & socioeconomic planning, urban design; implementation.	U.S./A.I.D. and Ministry of Public Works Managua, Nicaragua	1977	15,000 (infraspace only)	15,000
7. NEWTON LOWER FALLS Newton, MA	Urban planning and design; implementation; consulting	Newton Community Development Authority Newton, MA	1966-1977	n/a	n/a
8. SATELLITE CITIES OF MANAGUA, NICARAGUA	Urban, socioeconomic, implementation planning. Growth & change systems.	U.S./A.I.D. and Ministry of Housing Managua, Nicaragua	1995	Public and investment $300,000	private to exceed
9. FEASIBILITY STUDY FOR DEVELOPMENT OF COAL POCKET, LINCOLN WHARF Boston, MA	Architectural, structural, foundation analysis; market & financial anal.	Proposed ownership being organized. Refer Paul G. Holian, Esq. 240 Commercial St., Boston 02109	1982	4,500	4,500
10. COMMONWEALTH INDUSTRIAL PARK South Bronx, NY	Reuse & dev. of 15.5 acres waterfront industrial park	Harlem Commonwealth Council, Inc. 361 W. 125, NY 10027	1982	25,000	25,000

(Policy and Management Associates, Inc. - #10)

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16 803

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
		NONE			

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

IMRE AND ANTHONY HALASZ, INC. offers comprehensive services in urban planning, architecture, site development, and landscape architecture. The firm was established in 1960 as a partnership and became a corporation under the laws of the Commonwealth of Massachusetts in 1965. The experience of the firm covers a wide range of architectural and planning projects. The architectural projects include single- and multi-family housing; design and development of labor-intensive, self-help building systems for use in low-cost construction; rehabilitation of existing buildings; preservation of historic buildings and districts; commercial and office facilities; laboratories; schools; and bridges. In planning, the firm's experience includes master and regional planning for the growth, expansion, or reconstruction of urban areas; master planning of large scale urban projects; and consulting for the redevelopment and community development agencies of cities and towns. This submission is not an ad hoc association of the firm with its consultants. They have common endeavors reaching back many years.

Among the firm's planning and urban design projects relative to this submission are:

Land reclamation and complementary urban development of the harbor city of Corinto, Nicaragua--
Master plan including provisions to satisfy existing needs, projections and recommendations for future growth and change, coordination of urban land uses and services with port activities and port-related industry, and recommendations for project implementation and a master plan for a future city of 45,000 inhabitants. (In collaboration with Ammann & Whitney)

Long range urban planning and urban renewal of the central district of Santiago, Chile -- The central district of the capital city of 700,000 inhabitants is an historic and economic entity. A plan of revitalization and historic preservation that deals with all planning and urban renewal problems including the strategies needed for implementation is the scope of this project. (Second phase in collaboration with Policy and Management Associates, Inc.)

Masterplan and urban design of the San Judas District Center, Managua, Nicaragua--
Part of the reconstruction program of Managua. Master plan and urban design of the District Center,development of urban norms, socio-economic analysis and recommendations, design guidelines landscaping, site development and design review of implementation of Center.(w/ Ammann & Whitney)

New town development-Wraysbury Lakes,Hemel Hempstead, England--
Urban design consulting for a development reclaiming abadoned quarries to develop waterfront housing, commecial and recreational facilities.

Masterplan and rehabilitation- Commercial Wharf - Downtown Waterfront Urban Renewal Area--
Feasibilty study and master plan for the reuse of existing wharf buildings and additional new residential, office, commercial buildings. Rehabilitation of Commercial Wharf.

Masterplan Electronics Reasearch Center, National Aeronautics and Space Administration, Cambridge--
Masterplan and development standerds and controls for over one million square feet of laboratory and office space and related service facilities in the Kendall Square Urban Renewal Area,Cambridge

Urban design of Newton Lower Falls, Newton--
A comprehensive masterplan and urban design controls of Newton Lower Falls for the Newton Urban Renewal Authority. Urban design consulting to oversee implementation for the Renewal and Community Development Agencies of Newton.

11. The foregoing is a statement of facts.

-- See Page 12 --

Signature: _____ Typed Name and Title: _____

Date:

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Feasibility study - First Christ Church, Montreal,Qe,Canada--
Planning,urban design and architectural study for the intensive reuse of a large tract of land in the Central Business District of Montreal.

Masterplan for the Satellite Cities of Managua, Nicaragua (Masaya, Tipitapa and Carazo)--
Masterplan for the development of the existing cities and future satellite cities of Managua for a total projected population of 500,000 inhabitants. Plan includes all physical,social, economical, geological data and projections required for a 15 year development plan. Project includes training of Nicaraguan professionals and priority development projects for immediate implementation.

CONSULTANTS.

POLICY AND MANAGEMENT ASSOCIATES,INC. is a firm staffed by experienced professionals with an extensive background in economic development studies, financial analysis, feasibility and marketing studies, development of investment stategies, management analysis, business loan development, public policy evaluation, transportation studies and environmental analyses. The principals of the firm have worked together for many years. Current and recent Clients include: Community Services Administration/Economic Development Administration U.S. Department of Agriculture, Exxon Research and Engineering Company, City of Newton, Harlem Commonwealth Council/Commonwealth Industrial Park Inc., U.S. Senate Committee on Commerce, Science and Transportation, General Service Administration, U.S. Corps of Engineers, U.S. H.U.D., Federal Highway Administration, New England Regional Commission among others.

AMMANN & WHITNEY is one of the largest firms in the consulting engineering field.It offers professional services in preliminary investigations, master planning, engineering and economic feasibility studies, project planning reports, environmental impact statements, research and development, traffic surveys, topographic surveys, geological and geophysical studies, hydrological investigations and foundation designs, preparation of contract plans and construction supervision. These services have been provided for a wide variety of projects including airports, bridges, highways, tunnels, mass transportation facilities, railroads, commercial- industrial- residential and educational buildings, military facilties, waterways and waterfront projects. The firm makes extensive use of computer methods in support of engineering studies and designs. Computers in use include a CHI 2120 located at Ammann & Whitney and outside CDC 6600 facilities.

11. The foregoing is a statement of facts.

Signature: [signature] Typed Name and Title: Anthony Halasz, Treasurer

Date: 12/15/1982

STANDARD FORM (SF) **254**
Architect-Engineer and Related Services Questionnaire

1. Firm Name / Business Address:

Imre and Anthony Halasz, Inc.
116 Newbury Street
Boston, MA 02116

1a. Submittal is for ☒ Parent Company ☐ Branch Office

2. Year Present Firm Established: 1965

3. Date Prepared: 12/10/82

4. Type of Ownership: Small bus. corp.

4a. Minority Owned ☐ yes ☒ no

5. Name of Parent Company, if any:

Imre and Anthony Halasz, Inc.

5a. Former Firm Name(s), if any, and Year(s) Established:

Imre and Anthony Halasz, Partnership - 1960

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Imre Halasz, President 617/267-6885
2) Anthony M. Halasz, Treasurer 617/267-6885

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Total Personnel 20

Imre and Anthony Halasz, Inc.
116 Newbury Street
Boston, Massachusetts 02116
Telephone: 617/267-6885
Personnel: Average 7

Consorcio Lamsa-Halasz
Cine Dario 2 C. al Lago
Apartado 3864
Managua DN, Nicaragua
Telephone: 22586
Personnel: Average 13

8. Personnel by Discipline:

1 Administrative	___ Electrical Engineers	___ Oceanographers	1 Sociologist
9 Architects	1 Estimators	1 Planners: Urban/Regional	1 Environmentalist
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	
1 Civil Engineers	___ Hydrologists	1 Soils Engineers	
___ Construction Inspectors	1 Interior Designers	1 Specification Writers	
___ Draftsmen	1 Landscape Architects	___ Structural Engineers	
___ Ecologists	___ Mechanical Engineers	___ Surveyors	
1 Economists	___ Mining Engineers	___ Transportation Engineers	

9. Summary of Professional Services Fees Received: (insert index number)

Last 5 Years (most recent year first)

	19 81	19 80	19 79	19 78	19 77
Direct Federal contract work, including overseas	-	-	-	-	-
All other domestic work	1	1	2	1	1
All other foreign work*	1	1	1	2	2

*Firms interested in foreign work, but without such experience, check here: ☐.

Ranges of Professional Services Fees

INDEX
1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

Experience Profile Code Numbers
for use with questions 10 and 11

001 Acoustics; Noise Abatement
002 Aerial Photogrammetry
003 Agricultural Development; Grain Storage; Farm Mechanization
004 Air Pollution Control
005 Airports; Navaids; Airport Lighting; Aircraft Fueling
006 Airports; Terminals & Hangars, Freight Handling
007 Arctic Facilities
008 Auditoriums & Theatres
009 Automation; Controls; Instrumentation
010 Barracks; Dormitories
011 Bridges
012 Cemeteries *(Planning & Relocation)*
013 Chemical Processing & Storage
014 Churches; Chapels
015 Codes; Standards; Ordinances
016 Cold Storage; Refrigeration; Fast Freeze
017 Commercial Buildings *(low rise)*; Shopping Centers
018 Communications Systems; TV; Microwave
019 Computer Facilities; Computer Service
020 Conservation and Resource Management
021 Construction Management
022 Corrosion Control; Cathodic Protection; Electrolysis
023 Cost Estimating
024 Dams *(Concrete, Arch)*
025 Dams *(Earth; Rock)*; Dikes; Levees
026 Desalinization *(Process & Facilities)*
027 Dining Halls; Clubs; Restaurants
028 Ecological & Archeological Investigations
029 Educational Facilities; Classrooms
030 Electronics
031 Elevators; Escalators; People-Movers
032 Energy Conservation; New Energy Sources
033 Environmental Impact Studies, Assessments or Statements
034 Fallout Shelters; Blast-Resistant Design
035 Field Houses; Gyms; Stadiums
036 Fire Protection
037 Fisheries; Fish Ladders
038 Forestry & Forest Products
039 Garages; Vehicle Maintenance Facilities; Parking Decks
040 Gas Systems *(Propane; Natural; Etc.)*
041 Graphic Design
042 Harbors; Jetties; Piers; Ship Terminal Facilities
043 Heating; Ventilating; Air Conditioning
044 Health Systems Planning
045 Highrise; Air-Rights-Type Buildings
046 Highways; Streets; Airfield Paving; Parking Lots
047 Historical Preservation
048 Hospitals & Medical Facilities
049 Hotels; Motels
050 Housing *(Residential, Multi-Family; Apartments; Condominiums)*
051 Hydraulics & Pneumatics
052 Industrial Buildings; Manufacturing Plants
053 Industrial Processes; Quality Control
054 Industrial Waste Treatment
055 Interior Design; Space Planning
056 Irrigation; Drainage
057 Judicial and Courtroom Facilities
058 Laboratories; Medical Research Facilities
059 Landscape Architecture
060 Libraries; Museums; Galleries
061 Lighting *(Interiors; Display; Theatre, Etc.)*
062 Lighting *(Exteriors; Streets; Memorials; Athletic Fields, Etc.)*
063 Materials Handling Systems; Conveyors; Sorters
064 Metallurgy
065 Microclimatology; Tropical Engineering
066 Military Design Standards
067 Mining & Mineralogy
068 Missile Facilities *(Silos; Fuels; Transport)*
069 Modular Systems Design; Pre-Fabricated Structures or Components
070 Naval Architecture; Off-Shore Platforms
071 Nuclear Facilities; Nuclear Shielding
072 Office Buildings; Industrial Parks
073 Oceanographic Engineering
074 Ordnance; Munitions; Special Weapons
075 Petroleum Exploration; Refining
076 Petroleum and Fuel *(Storage and Distribution)*
077 Pipelines *(Cross-Country—Liquid & Gas)*
078 Planning *(Community, Regional, Areawide and State)*
079 Planning *(Site, Installation, and Project)*
080 Plumbing & Piping Design
081 Pneumatic Structures; Air-Support Buildings
082 Postal Facilities
083 Power Generation, Transmission, Distribution
084 Prisons & Correctional Facilities
085 Product, Machine & Equipment Design
086 Radar, Sonar, Radio & Radar Telescopes
087 Railroad; Rapid Transit
088 Recreation Facilities *(Parks, Marinas, Etc.)*
089 Rehabilitation *(Buildings; Structures; Facilities)*
090 Resource Recovery; Recycling
091 Radio Frequency Systems & Shieldings
092 Rivers, Canals, Waterways; Flood Control
093 Safety Engineering; Accident Studies; OSHA Studies
094 Security Systems; Intruder & Smoke Detection
095 Seismic Designs & Studies
096 Sewage Collection, Treatment and Disposal
097 Soils & Geologic Studies; Foundations
098 Solar Energy Utilization
099 Solid Wastes; Incineration; Land Fill
100 Special Environments; Clean Rooms, Etc.
101 Structural Design; Special Structures
102 Surveying; Platting; Mapping; Flood Plain Studies
103 Swimming Pools
104 Storm Water Handling & Facilities
105 Telephone Systems *(Rural, Mobile, Intercom, Etc.)*
106 Testing & Inspection Services
107 Traffic & Transportation Engineering
108 Towers *(Self-Supporting & Guyed Systems)*
109 Tunnels & Subways
110 Urban Renewal; Community Development
111 Utilities *(Gas & Steam)*
112 Value Analysis; Life-Cycle Costing
113 Warehouses & Depots
114 Water Resources; Hydrology; Ground Water
115 Water Supply; Treatment and Distribution
116 Wind Tunnels; Research/Testing Facilities Design
117 Zoning; Land Use Studies
219 Civic Buildings, Community Centers

Standard Form 254 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

10. Profile of Firm's Project Experience, Last 10 Years

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1) 008	3	775	11) 045	3	1,030	21) 079	4	530
2) 011	2	625	12) 046	5	321	22) 083	1	65
3) 014	1	125	13) 047	4	460	23) 088	3	960
4) 017	3	500	14) 050	2	950	24) 089	5	558
5) 027	5	1,218	15) 055	2	630	25) 098	1	260
6) 029	4	1,285	16) 059	5	574	26) 100	2	380
7) 035	4	1,160	17) 060	4	1,085	27) 103	2	1,250
8) 039	3	1,300	18) 069	3	625	28) 110	8	2,037
9) 041	1	65	19) 072	2	400	29) 117	4	530
10) 042	2	130	20) 078	3	430	30) 209	4	1,008

11. Project Examples, Last 10 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
008	P	1 Don Bosco Electronics School Phase II Expansion and Remodeling	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1984
011	JV	2 Hearthstone Plaza and Pedestrian Overpass Brookline, MA	Combined Insurance Co. of America and Town of Brookline, MA Brookline, MA	5,380	1974
014	P	3 Church of St. John of Damascus West Street Dedham, MA	Church of St. John of Damascus P.O. Box 900 Dedham, MA 02026	2,000	1983
017	JV	4 Hearthstone Plaza and Pedestrian Overpass Brookline, MA	Combined Insurance Co. of America and Town of Brookline, MA Brookline, MA	5,380	1974
027	P	5 Magic Pan Creperie 47 Newbury Street Boston, MA 02116	Magic Pan, Inc. 50 Francisco St. San Francisco, CA 94133	500	1974
029	P	6 Fitchburg South Elementary School Fitchburg, MA	City of Fitchburg Fitchburg, MA	3,500	1981
035	P	7 Don Bosco Technical High School Phase I Expansion & Remodeling	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1973

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		Provident Apartments 300 Tremont Street Boston, MA	Schochet Associates 720 Statler Office Building 20 Providence St., Boston, MA	30,000	1984
041	P	Transportation & Systems Center Phase II Landscaping & Sign Design Cambridge, MA	U.S. Dept. of Transportation 55 Broadway, Cambridge, MA	200	1972
042	JV	Master plan, EIS, and implementation plan for Corinto, Nicaragua, a port city of projected 45,000 population. (15-yr development plan)	Government of Nicaragua Autoridad Portuaria de Corinto (U.S./A.I.D.-sponsored project)	n/a	1995
045	P	Don Bosco Technical High School Boston, MA Phase I Expansion & Remodeling	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1973
046	P	Massachusetts Bay Community College Wellesley, MA	Commonwealth of Massachusetts Div. of Capital Planning & Operations 1 Ashburton Pl., Boston, MA	386	1982
047	C	Comprehensive urban design-conceptual framework for renewal & historic preservation of central business dist. Santiago de Chile	Government of Chile Santiago, Chile	n/a	1979
050	P	Provident Apartments 300 Tremont Street Boston, MA	Schochet Associates 720 Statler Office Building 20 Providence St., Boston, MA	30,000	1984
055	P	Carter Elementary & Middle Schools Boston, MA	City of Boston School Dept. 26 Court Square Boston, MA 02108	14,000	1975 working drawings
059	P	Training Site Improvements Camp Edwards, MA	Depts. of Army and Air Force National Guard Bureau Washington, DC 20546	1,650	1983
060	P	Don Bosco High School, Phase II Expansion and remodeling Electronics Bldg, Boston, MA	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1984
069	P	Alcon System Mass-produced building system for unskilled labor	Imre & Anthony Halasz, Inc. 116 Newbury Street Boston, MA 02116	R & D cost 50	1978
072	P	Hearthstone Plaza and Pedestrian Overpass Brookline, MA	Combined Insurance Co. of America and Town of Brookline, MA Brookline, MA	5,380	1974

Standard Form 254 July 1975

078	[illegible]	Master plan for Satellite Cities of Managua, Nicaragua (15-year dev. plan for projected 500,000 population)	Ministry of Public Works Managua, Nicaragua (U.S./A.I.D.-sponsored project)	n/a	1995
079	C	Master plan, EIS, & implementation plan for Corinto, Nicaragua, a port city of projected 45,000 population. (15-yr dev. plan)	Government of Nicaragua Autoridad Portuaria de Corinto (U.S./A.I.D.-sponsored project)	n/a	1995
083	P	Dept. of Transportation Systems Center: Central Heating and Cooling Facility, Cambridge, MA	U.S. Dept. of Transportation 55 Broadway Cambridge, MA 02142	200	1972
088	JV	San Judas District Center Managua, Nicaragua	Ministry of Public Works Managua, Nicaragua (U.S./A.I.D.-sponsored project)	1,500	1980
089	P	Don Bosco Electronics School Phase II Expansion and Remodeling; Boston, MA	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1984
098	P	Fitchburg South Elementary School Fitchburg, MA (passive solar energy & heat conversion)	City of Fitchburg Fitchburg, MA	3,500	1981
100	JV	NASA Electronics Research Ctr. Avionics Systems Facility with aviation simulation facilities Cambridge, MA	National Aeronautics & Space Administration (NASA) Washington, DC 20546	4,000	1971
103	P	Don Bosco Technical High School Boston, MA Phase I Expansion & Remodeling	Salesian Society, Inc. Don Bosco Technical High School 300 Tremont St., Boston, MA	3,000	1973
110	P	Newton Lower Falls Urban Renewal Renewal Project Newton, MA	Newton Community Development Authority Newton, MA 02162	n/a	1966-77
117	JV	Master plan for Satellite Cities of Managua, Nicaragua (15-year dev. plan for projected 500,000 population).	Ministry of Public Works Managua, Nicaragua (U.S./A.I.D.-sponsored project)	n/a	1995
209	P	Church of St. John of Damascus West Street, Dedham, MA	Church of St. John of Damascus P.O. Box 900 Dedham, MA 02026	2,000	1983

12. The foregoing is a statement of facts.

Signature: [signature] Typed Name and Title: Imre Halasz, President

Date: Dec. 10, 1982

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for use with questions 10 and 11

001 Acoustics; Noise Abatement
002 Aerial Photogrammetry
003 Agricultural Development; Grain Storage; Farm Mechanization
004 Air Pollution Control
005 Airports; Navaids; Airport Lighting; Aircraft Fueling
006 Airports; Terminals & Hangars; Freight Handling
007 Arctic Facilities
008 Auditoriums & Theatres
009 Automation; Controls; Instrumentation
010 Barracks; Dormitories
011 Bridges
012 Cemeteries *(Planning & Relocation)*
013 Chemical Processing & Storage
014 Churches; Chapels
015 Codes; Standards; Ordinances
016 Cold Storage; Refrigeration; Fast Freeze
017 Commercial Buildings *(low rise)*; Shopping Centers
018 Communications Systems; TV; Microwave
019 Computer Facilities; Computer Service
020 Conservation and Resource Management
021 Construction Management
022 Corrosion Control; Cathodic Protection; Electrolysis
023 Cost Estimating
024 Dams *(Concrete; Arch)*
025 Dams *(Earth; Rock)*; Dikes; Levees
026 Desalinization *(Process & Facilities)*
027 Dining Halls; Clubs; Restaurants
028 Ecological & Archeological Investigations
029 Educational Facilities; Classrooms
030 Electronics
031 Elevators; Escalators; People-Movers
032 Energy Conservation; New Energy Sources
033 Environmental Impact Studies, Assessments or Statements
034 Fallout Shelters; Blast-Resistant Design
035 Field Houses; Gyms; Stadiums
036 Fire Protection
037 Fisheries; Fish Ladders
038 Forestry & Forest Products
039 Garages; Vehicle Maintenance Facilities; Parking Decks
040 Gas Systems *(Propane; Natural, Etc.)*
042 Harbors; Jetties; Piers; Ship Terminal Facilities
043 Heating; Ventilating; Air Conditioning
044 Health Systems Planning
045 Highrise; Air-Rights-Type Buildings
046 Highways; Streets; Airfield Paving; Parking Lots
047 Historical Preservation
048 Hospitals & Medical Facilities
049 Hotels; Motels
050 Housing *(Residential, Multi-Family; Apartments; Condominiums)*
051 Hydraulics & Pneumatics
052 Industrial Buildings; Manufacturing Plants
053 Industrial Processes; Quality Control
054 Industrial Waste Treatment
055 Interior Design; Space Planning
056 Irrigation; Drainage
057 Judicial and Courtroom Facilities
058 Laboratories; Medical Research Facilities
059 Landscape Architecture
060 Libraries; Museums; Galleries
061 Lighting *(Interiors; Display; Theatre, Etc.)*
062 Lighting *(Exteriors; Streets; Memorials; Athletic Fields, Etc.)*
063 Materials Handling Systems; Conveyors; Sorters
064 Metallurgy
065 Microclimatology; Tropical Engineering
066 Military Design Standards
067 Mining & Mineralogy
068 Missile Facilities *(Silos; Fuels; Transport)*
069 Modular Systems Design; Pre-Fabricated Structures or Components
070 Naval Architecture; Off-Shore Platforms
071 Nuclear Facilities; Nuclear Shielding
072 Office Buildings; Industrial Parks
073 Oceanographic Engineering
074 Ordnance; Munitions; Special Weapons
075 Petroleum Exploration; Refining
076 Petroleum and Fuel *(Storage and Distribution)*
077 Pipelines *(Cross-Country—Liquid & Gas)*
078 Planning *(Community, Regional, Areawide and State)*
079 Planning *(Site, Installation, and Project)*
080 Plumbing & Piping Design
081 Pneumatic Structures; Air-Supported Buildings
082 Postal Facilities
083 Power Generation, Transmission, Distribution
084 Prisons & Correctional Facilities
085 Product, Machine & Equipment Design
086 Radar; Sonar; Radio & Radar Telescopes
087 Railroad; Rapid Transit
088 Recreation Facilities *(Parks, Marinas, Etc.)*
089 Rehabilitation *(Buildings; Structures; Facilities)*
090 Resource Recovery; Recycling
091 Radio Frequency Systems & Shieldings
092 Rivers; Canals; Waterways; Flood Control
093 Safety Engineering; Accident Studies; OSHA Studies
094 Security Systems; Intruder & Smoke Detection
095 Seismic Designs & Studies
096 Sewage Collection, Treatment and Disposal
097 Soils & Geologic Studies; Foundations
098 Solar Energy Utilization
099 Solid Wastes; Incineration; Land Fill
100 Special Environments; Clean Rooms, Etc.
101 Structural Design; Special Structures
102 Surveying; Platting; Mapping; Flood Plain Studies
103 Swimming Pools
104 Storm Water Handling & Facilities
105 Telephone Systems *(Rural; Mobile; Intercom, Etc.)*
106 Testing & Inspection Services
107 Traffic & Transportation Engineering
108 Towers *(Self-Supporting & Guyed Systems)*
109 Tunnels & Subways
110 Urban Renewal; Community Development
111 Utilities *(Gas & Steam)*
112 Value Analysis; Life-Cycle Costing
113 Warehouses & Depots
114 Water Resources; Hydrology; Ground Water
115 Water Supply, Treatment and Distribution
116 Wind Tunnels; Research/Testing Facilities Design
117 Zoning; Land Use Studies
201 Traffic Control Systems
202 _____
203 _____
204 _____
205 _____

TELEGRAM
REF NO. C137-15
TO: ROBERT J. RYAN
SUBJECT: LETTER OF INTEREST - MASTER PLANNING CONSULTANT SERVICES FOR BOSTON HARBOR DEVELOPMENT SITE.

DEAR SIR:

THANK YOU FOR YOUR KIND LETTER OF DECEMBER 3, 1982 ALONG WITH THE ENCLOSED TEXT OF THE ADVERTISEMENT CONCERNING MASTER PLANNING CONSULTANT SERVICES FOR BOSTON HARBOR DEVELOPMENT SITE. I WOULD HEREBY LIKE TO EXPRESS MY DEEP INTEREST IN THIS SIGNIFICANT PROJECT. HOWEVER, I UNFORTUNATELY DO NOT HAVE THE REQUIRED GSA STANDARD FORM WHICH YOU MENTIONED IN YOUR LETTER. IF YOU COULD KINDLY DO SO, I WOULD APPRECIATE YOUR SENDING ME THE GSA FORM TOGETHER WITH ADDITIONAL INFORMATION CONCERNING THE BOSTON HARBOR DEVELOPMENT SITE. IN THE MEANTIME, I WOULD LIKE TO TAKE THE LIBERTY OF SENDING YOU INFORMATION CONCERNING OUR FIRM KENZO TANGE URTEC UNDER SEPARATE DHL. I WILL BE LOOKING FORWARD TO HEARING FROM YOU.

SINCERELY YOURS
KENZO TANGE, PRESIDENT
KENZO TANGE URTEC

RECEIVED
DEC 15 1982
BOSTON REDEVELOPMENT AUTHORITY
OFFICE OF THE DIRECTOR

COPY OF THIS TELEGRAM

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FAXGRAM®

WEST SHEFFIELD AVENUE, ENGLEWOOD, NEW JERSEY 07631 (201) 569-7707

1011 139-1 B991 @ 10/15/82 04:10 P

A 10/15 01:10 1041 60-1 0030 139 10/15/82 04:16 AP C019
/ RQA060 VIA ITT UMA049 CTT860 LAB479
JNY 00 JBTT 171
TOKYO 171/160 15 1603 PAGE 1/50

ATTN: MR ROBERT J RYAN TEL:(617)722-4300
DIRECTOR
BOSTON REDEVELOPMENT AUTHORITY
1 CITY HALL SQUARE
BOSTON MA 02201

SUBJECT: LETTER OF INTEREST
MASTER PLANNING CONSULTANT SERVICES FOR
BOSTON HARBOR DEVELOPMENT SITE
EAR SIR,
THANK YOU VERY MUCH FOR YOUR KIND LETTER OF DECEMBER 3, 1982,
ALONG WITH THE ENCLOSED TEXT OF THE ADVERTISEMENT

00L TEL:(617)722-4300 1 BOSTON(02201) 3, 1982,

AB479 ATTN: MR. ROBERT J. RYAN PAGE 2/50

CONCERNING
''MASTER PLANNING CONSULTANT SERVICES'' FOR A BOSTON HARBOR
DEVELOPMENT SITE.
I WOULD HEREBY LIKE TO EXPRESS MY DEEP INTEREST IN THIS
SIGNIFICANT PROJECT.
HOWEVER, I UNFORTUNATELY DO NOT HAVE THE REQUIRED G.S.A.
STANDARD FORM WHICH YOU MENTIONED IN YOUR LETTER. IF YOU COULD
KINDLY DO SO, I WOULD GREATLY

AB479 ATTN: MR. ROBERT J. RYAN PAGE 3/50

APPRECIATE YOU SENDING ME THE
G.S.A. FORM TOGETHER WITH ADDITIONAL INFORMATION CONCERNING
THE BOSTON HARBOR DEVELOPMENT SITE.
IN THE MEANTIME, I WOULD LIKE TO TAKE THE LIBERTY OF SENDING

YOU INFORMATION CONCERNING OUR FIRM, KENZO TANGE AND URTEC,
UNDER SEPARATE DHL.
I WILL BE LOOKING FORWARD TO HEARING FROM YOU

LAB475 ATTN: MR. ROBERT J. RYAN PAGE 4/10

SOON.
SINCERELY YOURS,
KENZO TANGE
PRESIDENT
KENZO TANGE AND URTEC

NNNN

Lane, Frenchman and Associates, Inc.

25 West Street
Boston, Massachusetts 02111
(617) 451-3333

December 14, 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

RE: Statement of Qualifications
East Boston Harborside Master Plan/Development Plan

Dear Mr. Ryan:

This letter expresses the interest of our firm in providing services to the Boston Redevelopment Authority (BRA) on the East Boston Harborside project. It is a project which combines several substantive areas around which our practice has focused; and we are confident that we can deliver a creative and realistic plan.

Our firm has a nationally-recognized reputation for excellence in planning and design and has been associated with many successful community revitalization efforts. We received the 1981 American Planning Association Award (APA) for the outstanding planning project in the country for our plan for preservation and reinvestment in historic urban areas of New York State. We received a similar award in 1977 from APA for the Lowell National Park Plan -- which has been instrumental in revitalizing that industrial City -- as well as a Progressive Architecture (PA) Award for excellence in Urban Design. This year our West Broadway project to renovate 675 units of public housing in South Boston for the Boston Housing Authority has been recognized by APA as one of three outstanding projects in New England, and has received an Urban Design Citation from PA as well.

Over the last several years, we have developed a special interest and expertise in planning and design to revitalize urban waterfronts. We have completed plans and designs for waterfront developments in Plymouth, Boston (Fort Point Channel), Newburyport, and in several Connecticut Communities (Norwalk, Groton, and Old Saybrook). In the Town of Plymouth, we dealt with Town-owned property, outstanding historic resources, an underutilized waterfront, and major tourist attractions to develop a waterfront plan, and we are now continuing as the Town's design and development consultant. In Newburyport, we are helping the City develop a $20 million hotel and retail complex on a six acre waterfront site at the center of the City. In Portsmouth (NH) we are the architect for a private developer for a $14 million mixed use hotel and condominium development at the harbor edge. This diversified urban design, planning, and architectural experience will be critical to the success of the project. Further, in three of the above projects (Norwalk, Plymouth, Newburyport) we have acted as development advisor to the locality, and prepared developer's kits to seek private investment.

We have a reputation for creative and workable problem-solving and project design, and are accustomed to dealing with public agencies and citizen's groups to define and evaluate complex options and choices for project development. The choices outlined in BRA's preliminary report are complex, warranting substantial design and technical investigation prior to decision. However, we are excited by the design potential of this spectacular site -- which warrants an exciting urban design and architectural concept to make the most of the views, exposure, and water frontage.

For this project, our firm will be the prime contractor and will be the direct point of contact with the Authority. We have selected three key subconsultants to provide the core of our team -- each has worked closely with us in the past and has a reputation for work of the highest quality in projects similar to East Boston's Harborside:

- Vanasse/Hangen Associates -- will provide transportation, planning, and traffic engineering services. We have selected them because of our long and close working joint relationship in successfully implemented projects (Plymouth, Maynard, Medford, Lowell), because of their familiarity with East Boston, and their depth of expertise in assessing projects of this nature. V/HA is one of the largest planning and traffic engineering firms in New England -- specializing in traffic and parking operations studies, design and construction management for improvements in central business districts, and traffic and civil engineering studies for major land development projects in densely developed urban areas. V/HA conducted the Vehicular Access Study for Logan International Airport to determine vehicular access-egress between Logan and the East Boston community, including the impact of the Bird Island Flats development. Additionally, V/HA performed a waterfront impact study for Commonwealth Pier's proposed conference/convention center in South Boston. This study included both land and water transportation. V/HA has conducted more than 125 such impact studies for commercial/industrial park/residential and other real estate developments in New England.

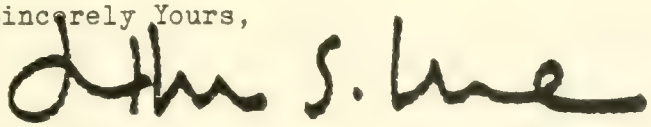
- Economics Research Associates -- will assist us in marketability, feasibility, and economic impact analysis. We have worked closely with ERA over a number of years on a wide variety of planning and development projects, including a waterfront plan for Groton (CT), the Lowell National Park (MA), and the New York State Urban Cultural Park System Plan, recently passed and implemented by the State legislature. We have worked effectively together, and their expertise in waterfront mixed use development analysis will be particularly critical to the success of the project. Over the years, ERA has completed numerous projects involving development planning for large-scale urban development projects, including such well known developments as Market Street East in Philadelphia; Broadway Plaza in Los Angeles; the Galleria in Houston; and the Charlestown Navy Yard and Faneuil Hall Marketplace in Boston. ERA has provided the economic input into development planning for waterfront projects in Newburyport, Salem, Gloucester, New Beford and Boston, Massachusetts; Narragansett Bay, Rhode Island; Norwalk, Groton, and Saybrook, Connecticut, and Detroit, Michigan. These projects have involved determination of market support for a variety of uses, including housing, retail, office, hotel, marina, tourist attractions, fisheries and port facilities. In additon to market data, ERA has provided input on financial feasibility, financing strategies, economic and fiscal impacts, cost-benefits, development alternatives and implementation strategies.

- Childs Engineering Corporation -- will provide services in marine and structural engineering design. They have designed waterfront and marine structures around the world, and are familiar with the Boston Harbor through their design at George's Island (MDC) and the new Charlestown Constitution and Navy Yard Marinas. They designed piers for the Channel Fish Company in East Boston, and their principals are familiar with Piers 1 - 5 from prior consulting work before founding of the firm in 1970. CEC has worked with us consulting on marina design and work on the Market Landing Development in Newburyport.

Should additional specialists be required to deal with environmental or other issues, there are a variety of firms with whom we have worked; and we would select one who is acceptable to both us and our client.

We are confident that our firm and the team we have assembled can provide to you highly creative and responsive master planning and design services. You will have the full commitment of our principals to work with the City and the East Boston Project Advisory Committee towards a successful and high quality product. Please contact me should you require any further information.

Very Sincerely Yours,



Jonathan S. Lane, AIA AICP
Principal
LANE, FRENCHMAN AND ASSOCIATES, INC.

JSL/crc
PVId7

FORM (SF) 255
Architect-Engineer Related Services for Specific Project

Project Name / Location for which Firm is Filing:

East Boston Harborside Project
Master Planning/Development Planning Services

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

Boston Redevelopment Authority

3. Firm (or Joint-Venture) Name & Address

Lane, Frenchman and Associates, Inc.
25 West Street
Boston, Massachusetts 02111

3a. Name, Title & Telephone Number of Principal to Contact

Jonathan S. Lane, Principal
(617) 451-3333

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

1	Administrative	___	Electrical Engineers	___	Oceanographers
4	Architects	___	Estimators	1	Planners: Urban/Regional
___	Chemical Engineers	___	Geologists	___	Sanitary Engineers
___	Civil Engineers	___	Hydrologists	___	Soils Engineers
___	Construction Inspectors	___	Interior Designers	___	Specification Writers
2	Draftsmen	___	Landscape Architects	___	Structural Engineers
___	Ecologists	___	Mechanical Engineers	___	Surveyors
___	Economists	___	Mining Engineers	___	Transportation Engineers

2	Architect/Planner
1	Urban Designer
___	
___	
___	
___	
___	
11	Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Economics Research Associates 739 Boylston Street Boston, Massachusetts	Market & Economic analysis	Yes
2) Vanasse/Hangen Associates, Inc. 184 High Street Boston, Massachusetts	Transportation, planning, traffic impact, site and civil engineering	Yes
3) Childs Engineering Corporation Box 333 Medfield, Massachusetts 02052	Waterfront and structural engineering	Yes
4)		
5)		
6)		

Jonathan Lane
Principal

b. Project Assignment:

Project coordination, design

c. Name of Firm with which associated:

Lane, Frenchman and Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 14

e. Education: Degree(s) / Year / Specialization
B. Arch, M.I.T. 1965
M. Arch, U. of Pennsylvania 1969
M.C.P., U. of Pennsylvania 1967

f. Active Registration: Year First Registered/Discipline

1973, Architecture
MA, PA, NY, NCARB

g. Other Experience and Qualifications relevant to the proposed project:

- project manager - West Broadway Team. Joint venture for renovation of 700 units of public housing in South Boston.
- principal-in-charge of Everett Mills and Riverplace. Mixed use mill renovations, for private client in Lawrence, MA.
- project manager - Lowell National Historical Park master plan.
- in charge of numerous large scale design projects requiring extensive community coordination, liaison, and outreach.
- designer - Fort Lincoln New Town, Washington, D.C.
- principal-in-charge of Harborside hotel and condominium project, Portsmouth, New Hampshire
- project director, waterfront development projects in Newburyport and Plymouth (MA), Norwalk and Old Saybrook (CT).

Name & Title:
Dennis Frenchman
Principal

b. Project Assignment:

Project coordination, design

c. Name of Firm with which associated:

Lane, Frenchman and Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 8

e. Education: Degree(s) / Years / Specialization
B. Arch, U. of Cincinnati 1972
M. Arch, M.I.T. 1976
M.C.P., M.I.T. 1976

f. Active Registration: Year First Registered/Discipline

1978, Architecture
MA

g. Other Experience and Qualifications relevant to the proposed project:

- principal -- First Ward plan for Charlotte (NC) to redevelop vacant property for housing and new city market
- principal - Groton waterfront plan (CT)
- principal-in-charge of site design coordination for West Broadway public housing project in South Boston; and direction for urban design during master planning stage.
- designer -- Glastonbury, (CT) village center project working with private developers on housing subdivision mixed use projects.
- principal architect and assistant to director - for NJ Division of Housing and Community Renewal, in charge of housing demonstration projects across the state.
- principal - North Weymouth Plan, including school housing/recreation reuse.

a. Name & Title:
Brian D. Sullivan
Associate

b. Project Assignment:
Design, Community Liaison

c. Name of Firm with which associated:
Lane, Frenchman and Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
B.S., U. of Maryland 1976
M. Arch, M.I.T. 1978

f. Active Registration: Year First Registered/Discipline
1982, Architecture
MA

g. Other Experience and Qualifications relevant to the proposed project:
- designer - Plymouth waterfront and town wharf plans
- designer - Marland Mill renovation in Andover (MA)
- architect - West Broadway Public Housing project, responsible for community facilities design, master plan concepts and tenant liaison.
- architect - Medford Square pedestrian mall and landscape improvements.
- construction administration, Pettee Square Depot renovation.
- design support, Logan Airport Master Plan.
- project architect - various residential rehabilitation projects ranging from single family house to 20 unit multiple family.
- contractor - for several residential conversions.

a. Name & Title:
Nancy Ludwig
Architectural Designer

b. Project Assignment:
Design

c. Name of Firm with which associated:
Lane, Frenchman and Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 3

e. Education: Degree(s) / Years / Specialization
B. Arch, U. of Cincinnati 1981

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
- designer - Harborside hotel and mixed use complex, Portsmouth (NH)
- designer - First Ward proposal City Market, Charlotte (NC)
- designer - West Broadway Public Housing project.
- designer - Central park for Newburyport (MA) mixed use development project.
- designer - Everett Mills reuse project for industrial, office and commercial space.
- designer and production - combined reuse and new construction project for 90 units in New Bedford, MA.
- design, 70 condominium units in Newburyport (MA).
- design, school reuse and commercial renovation projects.

a. Name & Title:
Thomas J. Martin
Vice President and Regional Manager

b. Project Assignment:
Project Director

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 11 With Other Firms 4

e. Education: Degree(s) / Year / Specialization

MA University of Washington, City Planning, 1967
BA Southern Illinois University, 1964

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Martin has had extensive experience in land use, urban development and public program development. This experience has involved responsibility for the economic components of urban renewal plans and economic development plans for various cities and private developers. Mr. Martin directed the analysis of the reuse potentials of the Boston Naval Shipyard and the South Boston Naval Annex. He has recently completed the economic analyses for the Near East Riverfront area in Detroit.

a. Name & Title:
Marie H. Keutmann
Senior Associate

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

MBA Columbia University, 1972
BA Smith College, 1966

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Keutmann has had extensive experience in urban economic planning, waterfront development planning, and real estate feasibility studies. She directed the economic components of a revitalization plan for the historic waterfront district in South Norwalk, Connecticut. She is currently managing a project to develop a development plan for a 40 mile stretch of the Salt River in Phoenix.

a. Name & Title
Francis X. Mahady
Vice President and Office Manager

b. Project Assignment:

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 6 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
BA Harvard College, 1970
M.C.P., 1976, Transportation & Economic Development M.I.T.

f. Active Registration: Year First Registered/Discipline
N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Mahady is an economist and planner with over 10 years experience in economic development planning. He served as principal investigator on the following ERA port-related projects: Port/Rail/Energy Transportation Planning Project, State of Connecticut; a General Cargo Port Development Strategy for the State of Maine; a Fisheries and Harbor Development Management Plan for Gloucester, Massachusetts; and port-related evaluations in Waldo County, Maine; Wilmington, Delaware; Memphis, Tennessee; and Beaumont, Texas.

a. Name & Title:
Web Bingham
Associate

b. Project Assignment:
Research Analyst

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
BA Urban Studies, Hobart College
MCRP Urban and Regional Planning, Harvard University

f. Active Registration: Year First Registered/Discipline
N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Binghams specialty is in real estate investment consulting. He has worked for major private and public clients in areas of property management, project financial feasibility, mortgage finance, market analysis and appraisal analysis. Mr. Bingham has analyzed a full range of property types including major, mixed use, adaptive reuse, historic rehabilitation, office, retail, hospitals and special use sites. He is presently participating in a major real estate study for the Massachusetts Bay Transportation Authority. He also is assisting to plan joint public/private development of station areas for a rapid transit system under study in Houston, Texas.

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.802

Richard E. Hangen, Principal

Project Assignment:
Transportation, Traffic Engineering, Parking

Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

Years experience: With This Firm 4 With Other Firms 15

Education: Degree(s) / Year / Specialization
B.S., 1963, Civil Engineering
M.S., 1967, Civil Engineering

Active Registration: Year First Registered/Discipline
1968, P.E., Civil Engineering

Other Experience and Qualifications relevant to the proposed project: Mr. Hangen has directed many comprehensive transportation studies, traffic engineering, highway and parking design projects in densely developed corridors and cities in northeast United States. He directed the Vehicular Access Study of access-egress between Logan International Airport and the East Boston community, including the impact of the Bird Island Flats development at Logan. He has extensive involvement in economic revitalization plans for business districts throughout New England including: Boston's Auto Restricted Zone; Fitchburg, Gloucester, Lawrence, Lowell, Medford, Salem, Webster & Weymouth in Mass.; Lewiston/Auburn and Portland, Maine. He directed the firm's efforts on impact studies for major land developments including: Harvard Sq., Cambridge; Red Sox Parking/Neighborhood Impact; alternative sites for multi-purpose stadiums for Minnesota Vikings/Twins; Newton Corner; MIT Northwest Parcel; Commercial St./Waterfront, Portland, Maine; and numerous shopping malls, industrial parks, hospital expansions & major residential and hotel developments.

a. Name & Title:
William J. Scully

b. Project Assignment:
Transportation, Traffic Engineering, Parking

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 1.5 With Other Firms 3.5

e. Education: Degree(s) / Years / Specialization
B.S., 1977, Civil Engineering

f. Active Registration: Year First Registered/Discipline
1982, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project: Mr. Scully joined Vanasse/Hangen after several years with the New York Dept. of Transportation. His traffic circulation/impact analysis/parking studies include projects in Albany, Buffalo, Saratoga, Syracuse and Utica, New York; the Vehicular Access Study of access-egress between Logan International Airport and East Boston including the impact of the Bird Island Flats development; circulation patterns and parking in several Massachusetts communities, Connecticut, Maine and Florida. He has been responsible for developing trip generation models and forecasting trip distribution and travel for short and long range systems development, as well as developing socio-economic forecasts. He has been involved in community participation programs and various impact studies of commercial/industrial/real estate developments.

a. Name & Title:
Robert S. Brustlin, P.E.
Principal

b. Project Assignment:
Civil/Waterfront Engineering

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 5

e. Education: Degree(s) / Year / Specialization
B.S. and A.B., 1974, Civil Engineering and Engineering Economics; 1976, MLA (Landscape Architecture), Harvard Graduate School of Design

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Brustlin is in charge of all Vanasse/Hangen highway design, site development, landscape architecture and surveying crews. Major highway design includes Route 101 in New Hampshire and I-95 safety improvements in Connecticut. Urban Systems design includes Main St., Nashua, NH; Assembly Square, Somerville; Medford Square, Ring Road & Transit Mall; Maynard Central Business District; Middlesex Turnpike, Burlington and many others. Mr. Brustlin has also supervised Type 5 flood studies (Adams and No. Adams, MA), drainage systems (MDC's Forest Hills Overpass, while with another firm); recreation impact (Big River Reservoir, R.I.); coastal design (Portland, ME Harbor Debris Study; Buttermilk Bay Channel, Bourne, MA; Wells Harbor, ME); lake construction (Stratton Mt., Lake & Dam, VT; West Hill Reservoir, VT); site development, grading, drainage and all utilities for many corporations.

a. Name & Title:
John J. Kennedy, P.E.
Associate

b. Project Assignment:
Transportation Systems Management

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 6

e. Education: Degree(s) / Years / Specialization
B.S., 1972, Civil Engineering, Northeastern University, Northwestern University Short Courses; Urban Street System Design, 1976; Traffic Signal Systems, 1978

f. Active Registration: Year First Registered/Discipline
1978, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Kennedy has participated in studies of MDC Parkways including the Lynnway and Storrow Drive/Soldiers Field Road. Studies of other major arterials include U.S. Route 1 North in Saugus and Burlington Mall Road, MA; Daniel Webster Highway and Amherst St., Nashua, NH; Delaware Ave., San Mateo, CA. He assisted in the Boston Transportation Planning Review with analysis of the Sumner-Callahan Tunnel, Northwest Corridor and Central Artery study areas. In recent years, he has directed Vanasse/Hangen studies in traffic signalization, including 138 locations in Portland and Lewiston-Auburn, ME; Chicopee, Gloucester, Newburyport, Norwood and Salem, MA. Sanford, ME; White Plains, NY. Mr. Kennedy has also participated in transportation and environmental impact studies for bicentennial parking facilities in the District of Columbia, Maryland and Virginia; a Sports Center Complex in Baltimore, planned unit developments and shopping malls in Mass. and New Hampshire.

KENNETH M. CHILDS, JR./PRESIDENT

Project Assignment:

PRINCIPAL-IN-CHARGE

Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

Years experience: With This Firm 12 With Other Firms 14

Education: Degree(s) / Year / Specialization

Massachusetts Institute of Technology
Bachelor of Science in Civil Engineering, 1952
Structural

Active Registration: Year First Registered/Discipline
1959, Massachusetts, Civil/Structural;
New Hampshire; Newfoundland, New Brunswick, Canada

Other Experience and Qualifications relevant to the proposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E., A.W.P.A., C.S.I., A.C.I., A.A.P.A.
Publications: "Experiences as a Resident Engineer in Nieuport, Belgium", Boston Society of Civil Engineers "The future of Dry Docks in Eastern Canada", Canadian Maritime Section, SNAME
Moderator of a panel discussion on "Marine Salvage", New England Section, SNAME
Marine diver since 1958.
Qualified Marine Railway and Floating Dry Dock Operator

BRUCE O. TOBIASSON/VICE PRESIDENT

b. Project Assignment:

PRINCIPAL ENGINEER

c. Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

d. Years experience: With This Firm 5 With Other Firms 10

e. Education: Degree(s) / Years / Specialization

Northeastern University
Bachelor of Science in Civil Engineering, 1967,
Structural

f. Active Registration: Year First Registered/Discipline
1973, Massachusetts, Civil/Structural;
Connecticut; Georgia; New York; Maine

g. Other Experience and Qualifications relevant to the proposed project:

Professional Memberships: A.S.C.E., S.N.A.M.E., M.T.S., A.B.Y.C., A.S.T.M.
Publications: "An Introduction to Dry Docking Principles and Techniques"
"Principles and Practices required for the Safe Dry Docking of Ships"
"Pilings and Fixed Piers"
"An Unusual Ship Launching"
"A Riverboat Gets a New Life"
"Georgetown Dry Dock Sails for Cameroons"

Certified Marine Diver.
Guest lecturer on waterfront engineering topics for Northeastern University, The New England Marine Advisory Service, Sea Grant Program, Medfield Public Schools.

DAVID L. PORTER, VICE PRESIDENT

Project Assignment:

PROJECT MANAGER

Name of Firm with which associated:

CHILDS ENGINEERING CORPORATION

Years experience: With This Firm 10 With Other Firms 0

Education: Degree(s) / Year / Specialization

Union College, Schenectady, NY
Bachelor of Science in Civil Engineering, 1972, Structural

Active Registration: Year First Registered/Discipline

1980, Massachusetts, Civil/Structural
1981, Rhode Island, Structural

Other Experience and Qualifications relevant to the proposed project:

NAUI and YMCA Certified marine diver
Continuing Education - "Corrosion Engineering and Materials Selection", Northeastern University
Associate Member - ASCE

Responsible engineer/diver on waterfront projects in Boston Harbor; Lunenburg and Port Hawkesbury, Nova Scotia; Baltimore, Maryland; So. Portland, Maine; Pearl Harbor, Hawaii; Douala, Cameroon; Carrickfergus, Northern Ireland; Roosevelt Roads, Puerto Rico; many other ports on the Atlantic and Pacific coasts of North America.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Harborside hotel & condominium development Portsmouth, NH (LF)	architect for developer	Shelter Group, Inc. Lewiston, Maine	1984	$ 14,000	100%
Newburyport Market landing waterfront development Newburyport, MA (LF)	archtectural and urban design advisor to Redevelopment Authority	Newburyport Redevelopment Authority Newburyport, MA	1984	$ 20 (fee)	100%
Plymouth Town Wharf development Plymouth, MA (LF)	urban designer for waterfront plan; architect for public improvements.	Town of Plymouth Plymouth, MA	1983	$ 500	100%
West Broadway Public Housing Project Boston, MA (LF)	Joint Venture with Goody, Clancy & Assoc. for master plan and architecture.	Boston Housing Authority Boston, MA	1985	$ 20,000	40%
Everett Mills and Riverplace Lawrence, MA (LF)	Design of preservation and reuse for over 1,000,000 SF of mill structures.	Wood-Ayer Realty	1985	$ 13,000	$ 13,000
South Norwalk Historic Waterfront Revitalization Plan, Norwalk, CT (ERA)	Market potentials, economic/fiscal impact and dev'p. strategy.	Norwalk Redevelopment Agency 35 South Main Street Norwalk, CT 06854	1979		$ 30,500 (fee)
Boston Naval Shipyard Reuse Study Boston, MA (ERA)	Analysis of market support, cost/benefit analysis and dev'p programming.	City of Boston Economic Development & Industrial Commiss.	1972		$ 20,000 (fee)
Commonwealth Pier (BOSCOM) Environmental Impact Report South Boston, MA (VHA)	Access to major conf./ convention center on waterfront; land, water, truck commodity movement.	MassPort Boston, MA	1982	Report Fee $60	40%
Commercial St. (Waterfront) Development & Traffic/Parking Study, Portland, ME (VHA)	Redesign of major waterfront street parking.	Portland Area Comprehensive Transportation Study Portland, ME	1983	Report Fee $60	100%
Shipyard Quarters Marina Charlestown, MA (CE)	Design layout of 550 slip marina at former Charlestown Navy Yars	Immobiliare New England Box 1135 Boston, MA	1981	$ 1,500	$ 1,500

...s qualifications for the proposed project

Please see attached cover letter for overview description of the credentials of the proposed team, and its responsiveness to the East Boston Harborside Project.

11. The foregoing is a statement of facts.

Signature: Jonathan S. Lane Typed Name and Title: Jonathan S. Lane

Date: 12/15/82

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.203

MICHAEL GRAVES
ARCHITECT

December 13, 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

DEC 15 1982

Dear Mr. Ryan,

I am writing to express our interest in being considered as the architect and master planning consultant for the proposed Boston Harbor Development Site. As you will see from the enclosed material, we have assembled a team with the capabilities required to execute the work.

While we are not intending to form a "joint venture" as such, we intend to work very closely with Pawlowski Associates of Dedham, Massachusetts. They will participate as principal planners and landscape consultants and will provide the necessary local representation and project coordination. Michael Graves will be the principal designer of the project. He has considerable experience and interest in master planning and in developing site and context strategies, particularly in urban settings.

Your project sounds very interesting and challenging, and we hope that you will consider us for the work. Please do not hesitate to call if you would like and further information from us or if you would like to arrange a meeting.

Sincerely,

Karen V. Wheeler

Karen V. Wheeler
Senior Associate

KW:klv
Enclosures

34 Witherspoon Street Princeton New Jersey 08540 telephone 609-924-6409

14 December 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston
Massachusetts 02201

Dear Mr. Ryan:

Further to the letter to you by Karen Wheeler of Michael Graves' office, Pawlowski Associates, Inc. is pleased to advise you that we are able to include two other firms as a part of our team for the East Boston Waterfront Development Master Planning Study.

Schoenfeld Associates, Inc. who have been working in the area of the Boston Waterfront for over 16 years shall participate on the team as consultants responsible for all aspects of traffic planning and marine, civil and structural engineering. The firm of Research Planning Institute, Inc. shall provide the necessary input regarding the natural environment to assist in the engineering design as well as the overall planning design of the site.

The time available to us for the assembly of this team has not allowed to to get committments from Financial and Marketing consultants. However, in the event that the Michael Graves team is invited to an interview, we shall have as a part of the team one of the more recognized Real Estate groups in Boston with extensive experience in the market analysis, financial feasibility testing and sales/marketing of properties of all descriptions in the area.

Sincerely,

Paul R.V. Pawlowski
President

v wski Associates, Inc. 19 Court Street
Dedham, MA 02026 USA
Telephone 617 326 7372
Telex 951511 RSVP PRVP DEDM

STANDARD FORM (SF) **255**
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

Master Planning Consultant Service
Boston Harbor Development Site

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Michael Graves, Architect P.A.
34 Witherspoon Street
Princeton, New Jersey 08540

(after January 1, 1983:
341 Nassau Street
Princeton, New Jersey 08540)

3a. Name, Title & Telephone Number of Principal to Contact

Michael Graves, Architect 609 924-6409
Karen Wheeler, Senior Associate "

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

5 Administrative	___ Electrical Engineers	___ Oceanographers	1P Editor
5 Architects	1P Estimators	___ Planners: Urban/Regional	2P Photographers/Graphic Assistants
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
1P Civil Engineers	___ Hydrologists	___ Soils Engineers	+ Colorist
___ Construction Inspectors	* Interior Designers	1P Specification Writers	___
14 Draftsmen/Designers	___ Landscape Architects	___ Structural Engineers	* Interior designers
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___ included with designer
___ Economists	___ Mining Engineers	___ Transportation Engineers	___ Total Personnel draftsmen

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6 Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Pawlowski Associates, Inc. 19 Court Street Dedham Massachusetts 02026	Planning and Landscape Design Consultants	Yes
Schoenfeld Associates, Inc. 210 South Street Boston, Massachusetts 02111	Marine, civil,structural environmental and transportation engineering consultant	No
Research Planning Institute, Inc. 925 Gervais Street Columbia, South Carolina 29201	Marine and coastal zone environmental consultants * RPI have worked with Pawlowski Associates on several coastal zone projects	No*
4)		
5)		
6)		
7)		
8)		

a. Name & Title:

Michael Graves
Architect

b. Project Assignment:

Project Architect

c. Name of Firm with which associated:

Michael Graves, Architect

d. Years experience: With This Firm 18 With Other Firms 5

e. Education: Degree(s) / Year / Specialization

B.S. Arch/1958/Architecture/U. Cincinnati
M. Arch./1959/Architecture/Harvard

f Active Registration: Year First Registered/Discipline

1964/Architecture/New Jersey

g Other Experience and Qualifications relevant to the proposed project:

Michael Graves has been in the forefront of architectural design for the past seventeen years. His work has directly influenced the important transformation of urban architecture away from the former glass and steel tradition towards a richer contextual assimilation which is based on the relationship of man with the objects and history surrounding him. Graves is particularly well known for his theoretical and practical work with regard to site strategies within existing urban and landscape contexts. A fellow of the American Institute of Architects, Graves has won numerous prestigious swards; see the listing in section 10 below.

a. Name & Title:

Karen Wheeler
Senior Associate

b. Project Assignment:

Project Coordinator

c. Name of Firm with which associated:

Michael Graves, Architect

d. Years experience: With This Firm 5 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

B.A./1970/Art History/Smith College
M. Arch./1974/Architecture/M.I.T.

f. Active Registration: Year First Registered/Discipline

1982/Architecture/New Jersey

g. Other Experience and Qualifications relevant to the proposed project:

Extensive experience in organizing and coordinating projects, including managing teams of consultants. Experience in master planning and programming of major projects including Graves' Fargo-Moorhead Cultural Center, the Whitney Museum of American Art, the Newark Museum master plan, and the Brielle Yacht Club Feasibility Study.

a. Name & Title:

Paul R.V. Pawlowski

b. Project Assignment:

Site Planning/Landscape Design

c. Name of Firm with which associated:

Pawlowski Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 10

e. Education: Degree(s) / Year / Specialization

Fellow, American Academy in Rome 1969
M. Landscape Architecture 1967
B. Architecture 1965

f. Active Registration: Year First Registered/Discipline

1978 Landscape Architect

g. Other Experience and Qualifications relevant to the proposed project:

Extensive experience in the planning and design of coastal developments and in the coordination of engineering and environmental consultancies as support to the overall planning and design effort.
Also experienced in the coordination of community involvement and the working with local workshops to insure the development of projects which reflect all aspects of need - community concerns as well as developer return on investment aspirations - to produce uniquely designed and appropriate solutions of permanence.

a. Name & Title:

Frank D. James

b. Project Assignment:

Site Planning/ Landscape Design

c. Name of Firm with which associated:

Pawlowski Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 21

e. Education: Degree(s) / Years / Specialization

Fellow, American Academy in Rome 1968
M. Landscape Architecture 1965
B. Architecture 1961

f. Active Registration: Year First Registered/Discipline

1968 Landscape Architect

g. Other Experience and Qualifications relevant to the proposed project:

Extensive experience through his own firm in Seattle for many years involved in the planning and design of recreation projects, through teaching at Harvard, Universities of Pennsylvania, Washington and Toronto. Over 12 years working at Sasaki Associates as chief planning site designer on development projects in Florida, Texas, Wisconsin, Sardinia and Kuwait. Uniquely qualified to deal with complicated environmental and social design issues as well as keenly sensitive to special design opportunities of a difficult site.

5. The Individual Consultants Anticipated for This Project

a. Name & Title	a. Name & Title
RICHARD J. SCHOENFELD, JR., PRESIDENT	ARNOLD KATZ, CHIEF ENGINEER
b. Project Assignment: VENTURE CO-MANAGER	b. Project Assignment: PROJECT MANAGER
c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.	c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.
d. Years experience: With This Firm 21 With Other Firms 15	d. Years experience: With This Firm 21 With Other Firms 9
e. Education: Degree(s) / Year / Specialization 1943 - A.B. (Physics) 1943 - Engr. Masters Certificate 1944 - Engr. Masters Certificate	e. Education: Degree(s) / Years / Specialization 1948 - B.S.M.E. 1954 - M.S.C.E. (Civil)
f. Active Registration: Year First Registered/Discipline 1959 - Civil	f. Active Registration: Year First Registered/Discipline 1954 - Civil 1960 - Structural
g. Other Experience and Qualifications relevant to the proposed project: Mr. Schoenfeld is President, Owner and Director of Schoenfeld Associates, Inc. Consulting Engineers, founded in 1960. Schoenfeld Associates, Inc. with satellite offices in Washington, D.C. and Miami, Florida, have been Consulting Engineers specializing in heavy construction in civil, structural, hydraulic, sanitary, architectural engineering, surveying, location and feasibility studies, planning, urban renewal, solid waste disposal, environmental, housing, land use, pollution control, transportation systems, and governmental and industrial projects totaling over $600 million since its inception. Mr. Schoenfeld was the Project Manager of the Winchester Grade Crossing Elimination, Winchester, Massachusetts which raised the mainline of the Boston & Maine Railroad over the downtown area of Winchester, Massachusetts.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Katz was responsible for the work at the Boston Marine Industrial Park, a drydock and pier facility operated by the City of Boston's Economic Development and Industrial Corporation (EDIC). Included in this project was the restoration of the structural integrity of a 1,000-foot sheet-pile wall and the surface work which entailed concrete deck replacement, surface drainage, and bituminous paving. The total cost for this project was $2.6 million. Also, at Victoria Station Restaurant in Boston, he was responsible for the design and construction supervision of the 300-foot adjoining pier and bulkhead along Fort Point Channel. Other waterfront projects included the Boston Redevelopment Authority's downtown waterfront project.

Key Persons, Specialists and Individual Consultants Anticipated

a. Name & Title	a. Name & Title
ALBERT J. MORIATY, PRINCIPAL CIVIL ENGINEER	ARNE WOLTI, PRINCIPAL ENGINEER
b. Project Assignment: PRINCIPAL ENGINEER	b. Project Assignment: PRINCIPAL ENGINEER
c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.	c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.
Years experience: With This Firm 17 With Other Firms 17	d. Years experience: With This Firm 17 With Other Firms 16
Education: Degree(s) / Year / Specialization: 1943 - B.S. Civil	e. Education: Degree(s) / Years / Specialization: 1939 - B.S. Mechanical Engineering
Active Registration: Year First Registered/Discipline: 1971 - Civil	f. Active Registration: Year First Registered/Discipline: 1947 - Structural
Other Experience and Qualifications relevant to the proposed project: Mr. Moriaty has been the Principal Engineer in association with Mr. McQueen on the Waterfront Redevelopment Project for the Boston Redevelopment Authority for the last 13 years and has participated in the design of all the marine projects.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Wolti has been the Principal Structural Engineer on the Waterfront Redevelopment Project for the last 13 years and has been in charge of the design and detailing of all the marine work listed. Mr. Wolti has designed 5 major sea walls in the City of Boston Waterfront area.

Name & Title RICHARD J. SCRANTON, CHIEF, COMPUTER SCIENCE DIVISION	a. Name & Title DR. MICHAEL KUPFERMAN, OCEANOGRAPHIC SPECIALIST
Project Assignment MATHEMATICAL MODELLING & COMPUTER SIMULATION	b. Project Assignment HYDROMECHANICS
Name of Firm with which associated SCHOENFELD ASSOCIATES, INC.	c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.
Years experience With This Firm 3 With Other Firms 3	d. Years experience With This Firm 1 With Other Firms 4
Education Degree(s) / Year / Specialization B.S.E. - 1967 - Civil Engineering S.M. - 1968 - Civil Engineering Ph, D. Candidate - 1977 - Civil Engineering	e. Education Degree(s) / Years / Specialization B.S. - 1969 - Civil Engineering M.S. - 1971 - Soil Mech. & Geol. Ph.D. - 1974 - Soil Mech. & Geol.
Active Registration Year First Registered/Discipline EIT - Massachusetts	f. Active Registration Year First Registered/Discipline EIT - Massachusetts - #3085
Other Experience and Qualifications relevant to the proposed project Mr. Scranton is a Professor of Computer Science at ortheastern University, Boston, Massachusetts and heads he Schoenfeld Associates, Inc. Computer Science ivision as a Consultant. Mr. Scranton's specialty is athematical Modelling and Computer Simulation. He has aught Computer Modeling, Monte Carlo Simulation of raffic Flow, Applied Probability Theory for Civil ngineers at Northeastern University. He has done esearch in mathematical optimization and statistical ethods. Mr. Scranton would be assigned as Chief omputer Science Engineer for this project.	g. Other Experience and Qualifications relevant to the proposed project Dr. Kupferman is an Assistant Professor of Geology at Northeastern University, Boston, Massachusetts. His specialty includes hydromechanics, wave action and the resultant effect on beach erosion and slope stability. He has done work on wave/structure inter-action, potential flow theory and its application and computer simulation. Dr. Kupferman will be assigned to this project as the engineer in charge of coastal and ocean hydrography.

a. Name & Title:

JOHN E. HALADAY, CIVIL ENGINEER

b. Project Assignment:

CIVIL ENGINEER

c. Name of Firm with which associated:

SCHOENFELD ASSOCIATES, INC.

d. Years experience: With This Firm 10 With Other Firms 2

e. Education: Degree(s) / Year / Specialization

1970 - B.S. - Civil Engineering

f. Active Registration: Year First Registered/Discipline

EIT - Massachusetts 1976

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Haladay has worked on preliminary and final design of the firm's major storm and sanitary projects. For the City of Worcester, he was assistant to the Project Manager and supervised all field surveys. He was also Resident Engineer in charge of inspection and supervision of three other major construction projects in Worcester. For the City of Baltimore, he worked on the design, quantity estimates, and project estimate of several miles of the Westport Trunk Sewer.

a. Name & Title:

THOMAS ST. SAUVEUR, CIVIL ENGINEER

b. Project Assignment:

CIVIL ENGINEER

c. Name of Firm with which associated:

SCHOENFELD ASSOCIATES, INC.

d. Years experience: With This Firm 5 With Other Firms 1

e. Education: Degree(s) / Years / Specialization

1975 - B.S. - Civil Engineering

f. Active Registration: Year First Registered/Discipline

EIT - Massachusetts 1975

g. Other Experience and Qualifications relevant to the proposed project:

Mr. St. Sauveur has worked on major sewerage projects such as the Downtown Waterfront Faneuil Hall Project for the Boston Redevelopment Authority, with responsibilities including: Determining location of public utility work such as hydrants, manholes, catch basins and pipeline, realigning and regrading streets and sidewalks, locate surface improvement such as lighting systems, benches and trees and preparing quantity and cost estimates. He has also worked on sewer projects for the City of Worcester and the City of Baltimore.

Key Persons, Specialists, and Individual Consultants Anticipated on This Project

a. Name & Title: SANDRA E. BAZZA, ENVIRONMENTAL PLANNER	a. Name & Title: PAMELA MOREY OKOLITA, PRINCIPAL ENVIRONMENTAL ENGINEER
b. Project Assignment: ENVIRONMENTAL PLANNER	b. Project Assignment: Principal Environmental Engineer
c. Name of Firm with which associated: SCHOENFELD ASSOCIATES, INC.	c. Name of Firm with which associated: Schoenfeld Associates, Inc.
d. Years experience: With This Firm 3 With Other Firms 5	d. Years experience: With This Firm 3 With Other Firms
e. Education: Degree(s) / Year / Specialization B.A. - 1972 - English M.S. - 1982 - Urban Planning (in progress)	e. Education: Degree(s) / Year / Specialization B.S. - 1974 - Environmental Design
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Ms. Bazza is presently the environmental project manager for the Route 2 (Erving), Rouses Point Bridge (Lake Champlain) and Routes 20 and 85 (Marlborough) EIS Projects. She has coordinated efforts on various reports for the U.S. Army Corps of Engineers including the Portland Harbor Debris Study, Wells Harbor Reconnaissance Report, and Big River Reservoir Recreation Impact Analysis. For each of these reports, she completed the social and environmental impact analysis. Prior to joining Schoenfeld Associates, Inc., Ms. Bazza was involved in the licensing and coordination of environmental reports for major coal-fired power plants. She also has extensive experience in technical writing.	g. Other Experience and Qualifications relevant to the proposed project: Pamela has been our principle environmental engineer and technical writer on all the Schoenfeld Associates, Inc. Environmental Impact Statements. She has been in charge of the Environmental Impact Statements for Greenfield, Erving, Marlborough and Fitchburg-Leominster Westminster projects as well as the Environmental Impact Statement for the Lake Champlain Bridge Commission and in connection with the replacement and construction of a new bridge from Rouses Point, New York to Alburg, Vermont. She is an excellent technical writer.

Name & Title:
Miles O. Hayes, Ph.D., President

Project Assignment:
Project Principal and Coastal Geomorphologist

Name of Firm with which associated:
Research Planning Institute, Inc.

Years experience: With This Firm 5 **With Other Firms** 20

Education: Degree(s) / Year / Specialization
Ph.D./1965/Geology & Marine Science/University of Texas

Active Registration: Year First Registered/Discipline
N/A

Other Experience and Qualifications relevant to the proposed project:
Dr. Miles O. Hayes, President of RPI, Coastal Geomorphology. Dr. Hayes has more than 20 years experience in conducting studies in geomorphology, coastal processes, & sedimentation. He has more than 130 publications or reports to his credit, & has lead or participated in more than 60 field trips & short courses including "Coastal Environments: N.E. Massachusetts & New Hampshire." While a professor at the University of Massachusetts, he did a large amount of research on the coastal processes of the Massachusetts & New England coasts.

a. Name & Title:
Timothy W. Kana, Ph.D., Director, Coastal Dynamics

b. Project Assignment:
Project Manager and Coastal Processes

c. Name of Firm with which associated:
Research Planning Institute, Inc.

d. Years experience: With This Firm 5 **With Other Firms** 10

e. Education: Degree(s) / Years / Specialization
Ph.D./1979/Nearshore Oceanography/University of South Carolina
B.A./1971/Oceanography & Engineering/The Johns Hopkins University

f. Active Registration: Year First Registered/Discipline
N/A

g. Other Experience and Qualifications relevant to the proposed project:
Dr. Timothy W. Kana, Director, Coastal Dynamics Division. Dr. Kana has more than ten years experience studying beach erosion dynamics, sediment transport, estuarine circulation, shoaling, & shoreline protection design. He has more than 40 articles & reports published & has designed equipment for use in surf zone measurements. Several projects with which he has been associated dealt with waterfront development, marina siting, & coastal processes near harbors in the U.S., Africa, & the Middle East. He has participated in recreational improvement studies for the City of Myrtle Beach, S.C., & in a sediment transport study in Boston Harbor.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for the Project

a. Name & Title:
Walter J. Sexton, M.S., Research Associate

b. Project Assignment:
Coastal Geology

c. Name of Firm with which associated:
Research Planning Institute, Inc.

d. Years experience: With This Firm 5 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
B.S./1977/Marine Science/University of South Carolina
M.S./1981/Coastal Geology/University of South Carolina

f. Active Registration: Year First Registered/Discipline
N/A

g. Other Experience and Qualifications relevant to the proposed project:
Walter J. Sexton, Research Associate & Coastal Geologist. Mr. Sexton has ten years experience in coastal processes, environmental management studies of coastal development, & terrestrial field mapping. He has conducted research in coastal zone stability, nearshore sedimentation patterns, feasibility studies for engineering design & has expertise in geologic diving and coastal erosion. He has worked on a recreational improvement project in Myrtle Beach, S.C., done vibracore work at a hazardous materials spill site in Louisiana, & shelf sedimentary transport studies in Boston Harbor.

a. Name & Title:
Bruce N. Shibles, M.S., Research Assistant

b. Project Assignment:
Coastal and Environmental Planning

c. Name of Firm with which associated:
Research Planning Institute, Inc.

d. Years experience: With This Firm 1 With Other Firms ___

e. Education: Degree(s) / Years / Specialization
B.A./1980/Biology-Environmental Studies/Bowdoin College
M.S./1982/Coastal Zone Management/Florida Institute of Technology

f. Active Registration: Year First Registered/Discipline
N/A

g. Other Experience and Qualifications relevant to the proposed project:
Bruce N. Shibles, Research Assistant & Coastal Zone Manager. Mr. Shibles has four years experience in coastal & environmental studies. While an undergraduate & graduate student, he conducted studies in environmental economics, beach management, recreational carrying capacities, & coastal planning. He spent the summer of 1981 working as an Island Manager in the Boston Harbor Islands State Park where he conducted a carrying capacity study of the main islands. He is interested in environmental law & data base management, as well as continued work in marine recreation. He is currently working as coordinator for project teams & project participant in a study of oil-related pollution in Nigeria.

Name & Title:

Charles D. Getter, Ph.D.; Director, Biology and Living Resources

Project Assignment:

Senior Scientist and Coastal Ecology

Name of Firm with which associated:

Research Planning Institute, Inc.

Years experience: With This Firm 4 With Other Firms ___

Education: Degree(s) / Year / Specialization

Ph.D./1980/Marine Ecology/RSMAS
University of Miami, Florida

Active Registration: Year First Registered/Discipline

None

Other Experience and Qualifications relevant to the proposed project:

Dr. Getter has more than 10 years experience in the field of marine environmental assessment, analysis, and planning. He has participated in numerous studies of the affects of pollution and development on marine organisms. He has conducted field work in South Carolina, Florida, Alaska, and the Pacific Northwest. Dr. Getter is a principal member of RPI's Environmental Sensitivity Index (ESI) mapping team.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
1) Oyster Bay Town Plan Oyster Bay, L.I., N.Y.	Master planning (waterfront mixed use)	Oyster Bay Planning Dept. Oyster Bay, N.Y.	1966	budget not established	N/A
2) Coastal Master Plan Istra, Yugoslavia	Master planning (waterfront mixed use)	Department of Tourism Yugoslavia	1967	budget not established	N/A
3) Brielle Yacht Club, Marina & Condominiums Brielle, N.J.	Master planning and architectural design (waterfront mixed use)	Ashley Development Corp. Brielle, N.J.	1980 feas. study	$10 M	$10 M
4) Fargo-Moorhead Cultural Center Bridge Master Plan Fargo, N.D. + Moorhead, Mn.	Master planning programming, arch. design	F-M Cultural Bridge Task Force Fargo, N.D.	1977-79	$12 M (est)	$12 M
5) Environmental Education Center Liberty State Park, Jersey City, N.J.	Site planning, arch. design (waterfront park indoor and outdoor exhib)	Div. Bldg. & Construction	1983	$1.3 M	$1.3 M
6) The Republic Building Republic Bank & Texas Theater, San Antonio, Tx	Phased master plan Arch. design (river-front and mixed use cultural&commercial)	San Antonio Historical Society San Antonio, Texas	1982 feas. study	$102 M	$102 M
7) State Park at Rockwood Hall Tarrytown, New York	Master Planning, programming and site design	Taconic State Park and Recreation Comm Staatsburg, New York	1975 feas. study	$22 M	N/A
8) Kuwait Waterfront Project Master Plan Kuwait, Arabian Gulf	Master Plan. prog-ramming, preliminary site, environmental engineering/landscape design	Municipality of Kuwait Kuwait, Arabian Gulf	1987	$500 M	N/A
9) Alterations and Improvements to existing facilities, Downtown Redevelopment Project	Design plans, Specs, Ests, Constr. Mgmt Survey and Demolition	BRA City Hall Boston, Massachusetts	1981	40,000	40,000
Shelf Sediment Transport Study Boston, Mass	Ecological baseline and impact studies	Metcalf & Eddy, Inc. Boston, Massachusetts	1979	10	10

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project.

Michael Graves is a fellow of the American Institute of Architects. In 1980 he received the Arnold W. Brunner Memorial Prize in Architecture from the American Academy and Institute of Arts & Letters.

AMERICAN INSTITUTE OF ARCHITECTS NATIONAL HONOR AWARDS:
- Hanselmann House, 1975
- Schulman House, 1982

"PROGRESSIVE ARCHITECTURE" DESIGN AWARDS:
- Rockefeller House, 1970
- Snyderman House, 1975
- Crooks House, 1977
- Chem-Fleur Factory Addition and Renovation, 1978
- Warehouse Conversion: Private Residence, 1978
- Fargo-Moorhead Cultural Center Bridge, 1979
- Plocek House, 1980
- Kalko House, 1980
- Beach house, 1980
- Furniture Design Award, side chair, 1981
- Environmental Education Center, 1983

NEW JERSEY SOCIETY OF ARCHITECT AIA AWARDS:
- Oyster Bay Town Plan Proposal, 1967
- Hanselmann House, 1973
- Union County Nature and Science Museum, 1974
- Alexander House, 1975
- E.N.T. Medical Offices, 1975
- Snyderman House, 1976
- Crooks House, 1976
- Warehouse conversion: private residence, 1977
- House in Aspen, Colorado, 1978
- Schulman House, 1978
- Abrahams Dance Studio, 1978
- Fargo-Moorhead Cultural Center Bridge, 1978
- Sunar Furniture Showroom, New York, 1979
- Sunar Furniture Showroom, Houston, 1980
- Millburn Railroad Station, 1980
- Environmental Education Center, 1980
- Sunar Furniture Showroom, New York, 1981
- San Juan Capistrano Public Library, 1981
- Sunar Furniture Showroom, Dallas, 1982

"INTERIORS" DESIGN AWARDS
- Designer of the Year, 1980
- ~~Sunar Furniture Showroom, New York, 1981~~

11. The foregoing is a statement of facts.

Signature: Karen V Wheeler Typed Name and Title: Karen V. Wheeler, Senior Associate

Date: Dec. 13, 1982

Monacelli Associates

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
One City Hall Square
Boston, MA 02201

RE: East Boston Harbor Development Site

Dear Mr. Ryan:

We are pleased to submit our qualifications for master planning consultant services for the East Boston Harbor Development site.

As an urban design and architectural firm, we have recently completed master plans for local clients such as MIT, Massport, and the Cambridge Redevelopment Authority. Additionally, we have recently prepared master plans for national and international clients including the City of Miami and the Saudi Royal Commission.

We pride ourselves on our ability to work successfully with community groups as well as clients, and have often headed multi-disciplinary design teams including economists, soils engineers, traffic consultants and landscape architects.

We believe our qualifications for this project are well suited to the task and look forward to assemblying an entire consultant team for this project.

If you have any further questions about our firm, please do not hesitate to call.

Sincerely,

Theodore Monacelli
Principal

TM/lab

STANDARD FORM (SF) 255
Architect-Engineer and Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harbor Development Site
Boston, MA

2a. Commerce Business Daily Announcement Date, if any:

2b. Agency Identification Number, if any:

4. Firm (or Joint-Venture) Name & Address

Monacelli Associates, Inc. Architects
and Planners
12 Arrow Street
Cambridge, MA 02138

3a. Name, Title & Telephone Number of Principal to Contact

Michael A. Smith
Principal
(617) 661-1015

3b. Address of office to perform work, if different from Item 3

Same

Personnel by Discipline:

___ Administrative	___ Electrical Engineers	___ Oceanographers	___
5 Architects	___ Estimators	2 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	1 Specification Writers	___
2 Draftsmen	___ Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	11 Total Personnel

If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

We are an urban design and architectural firm.

We have previously worked with many economic, engineering, and landscape consultants in past joint venture projects and will assemble a team of highest quality for this project.

6. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Vanesse/Hangen 184 High Street Boston, MA 02110	Traffic and Transportation	
2) Haley/Aldrich, Inc. 238 Main Street Cambridge, MA 02142	Soils and Foundation Engineering	
3) Economic Development Consultant not yet selected	Development Economics	
4)		
5)		
6)		
7)		
8)		

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

Name & Title:
Theodore A. Monacelli, Principal

Project Assignment:
Principal-in-Charge

Name of Firm with which associated:
Monacelli Associates, Inc.

Years experience: With This Firm 10 With Other Firms 16

Education: Degree(s) / Year / Specialization
M. Arch. - '64 Urban Design/City Planning, Harvard
B. Arch. = '56 Architecture, Carnegie Tech

Active Registration: Year First Registered/Discipline
1960/Architecture, NCARB

Other Experience and Qualifications relevant to the proposed project:

- Principal-in-Charge of master plan for a sector of Jubail Industrial City, Saudi Arabia.
- Principal-in-Charge of master planning for Cambridge Center, a $250 mill. MXD.
- Principal-in-Charge for master planning of Simplex MXD site for MIT.
- Principal-in-Charge of Lincoln Rd. Urban Design Plan for Miami Beach, FL.
- Principal-in-Charge of urban design plan for Harvard Square, Cambridge, MA.

a. **Name & Title:**
Michael A. Smith, Principal

b. **Project Assignment:**
Urban Designer

c. **Name of Firm with which associated:**
Monacelli Associates, Inc.

d. **Years experience:** With This Firm 7 With Other Firms 5

e. **Education:** Degree(s) / Years / Specialization
M. Urban Design - '76, Urban Design, Harvard
M. Arch. - '74, Architecture, U. of Calf., Berkeley
B.A. - '72, Architecture, U. of Calf., Berkeley

f. **Active Registration:** Year First Registered/Discipline
1977/Architecture, Massachusetts
Mass. # 4523

g. **Other Experience and Qualifications relevant to the proposed project:**

- Project Manager for master plan for Brandon Village New Town, Brandon, FL.
- Project Manager for urban design for Jubail Industrial City, Saudi Arabia.
- Project Manager for Harvard Square urban design plan.
- Project Manager for Land-Use Controls for Kendall Square, Cambridge, MA.
- Project Manager for master plan for "Chinagate" a MXD in Boston's "hinge block", Boston, MA.

rief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

ame & Title:
awrence Bluestone, Associate

roject Assignment:
roject Manager

ame of Firm with which associated:
onacelli Associates, Inc.

ears experience: With This Firm 5 With Other Firms 5

ducation: Degree(s) / Year / Specialization
City Planning and Urban Design - '75, Harvard
Arch. - '72, Washington University
A. - '70, Architecture, Washington University

ctive Registration: Year First Registered/Discipline
976/Architecture, Massachusetts
ass. # 4291

ther Experience and Qualifications relevant to the roposed project:

Project Manager for the master planning for Cambridge Center, a $250 mill.private mixed use development in Kendal Square, Cambridge, MA.

Project Manager for master plan of 20 acre Simplex site for mixed use development for MIT.

Project Manager for site planning for Bird Island Flats.

Project Manager for developing the updated master Plan for Keene, N.H.

Project Manager for urban design for the Minuteman Area Redline Extension study for the MBTA

a. **Name & Title:**
Thomas P. Huf, Associate

b. **Project Assignment:**
Project Architect

c. **Name of Firm with which associated:**
Monacelli Associates, Inc.

d. **Years experience:** With This Firm 4 With Other Firms 8

e. **Education:** Degree(s) / Years / Specialization
M. City Planning and Urban Design - '74 Harvard
Urban Planning - '71 Royal Danish Academy of Fine Art
B. Arch. - '67 Rensselaer Poyltechnic Institute
~~B. Sci. - '66 Rensselaer Polytechnic Institute~~

f. **Active Registration:** Year First Registered/Discipline
1975/Architecture, Massachusetts
#3955

g. **Other Experience and Qualifications relevant to the proposed project:**

- Project Mgr., Cambridge Center Public Improvements $10 mill. coordinated with $250 mill. private development.
- Project Mgr., Lincold Rd. Urban Design Plan, Miami Beach, FL.
- Project Mgr., Educational New Town for 50,000, Iran.
- Project Mgr., National Education TV Center Master Plan, Iran.
- Project Coord., Boston Longwood Medical Area Urban Design Plan.
- Master Planner, Moshhad University, New Campus, Iran.

6. Work By Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (In thousands)	
				Entire Project	Work for which Firm was/is responsible
1) Cambridge Center Master Plan Cambridge, MA	Master Planning and Design of Streetscape Improvements: Prime Contractor	Joe Tulimieri, Director Cambridge Redevelopment Auth. Cambridge, MA 02142	1990	250,000	9,000
2) Lincoln Road Urban Design Plan Miami Beach, FL	Master planning: Urban Design Consultant	Mr. Robt. David Miami Beach Dept.,Econ. Dev. 1700 Convention Center Dr. Miami Beach, FL	1990	600,000	NA
3) Harvard Square Urban Design Plan Cambridge, MA	Master planning and urban design analysis: Prime Contractor	City of Cambridge City Hall Annex Cambridge, MA 02138	ongoing	NA	NA
4) Bird Island Flats Site Plan Logan Airport Boston, MA	Site planning	Chris Dane Massport Logan Airport Boston, MA	1988	60,000	NA
5) MIT Simplex Master Plan Cambridge, MA	Master planning: Prime Contractor	Robert Simha Campus Planning Director MIT Cambridge, MA	1990	200,000	NA
6) Keene, NH Master Plan Update Keene, NH	Urban design analysis and master planning: Jt. venture partner	Pat McQueen City of Keene 12 Gilbo Av. Keene, NH 03431	ongoing	NA	NA
7) Jubail New Town Master Plan Jubail, Saudi Arabia	Master planning: urban design consultant to intn'l consortium	Royal Commission for Jubail and Yanbu	1987	880,000	
8) Federal Triangle Master Action Plan Competition Entry Washington, D.C.	Urban design analysis: Jt. venture partner in competition entry	General Services Administration Washington, D.C.		NA	NA
9) Brandon Village New Town Brandon, FL	Site planning and arch. studies for residential community: Prime contractor		1985	20,000	NA
0) Chinagate Development Study Boston, MA	Urban design analysis and architectureal studies: Prime contractor	David Wong N.E. Chinese Cultural Center 684-690 Washington Street Boston, MA 02111		20,000	NA

9. All work by [redacted] or Joint Venture members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
Monacelli Associates, Inc. is currently not performing any work for the Federal Government.					

About Monacelli Associates, Inc.

Monacelli Associate, Inc. is an Architecture and Urban Design firm with a national reputation for providing quality professional design services. Since its founding in 1970, the firm has become highly regarded for its ability to solve an unusually wide variety of problems in new architecture, adaptive reuse, urban development and urban revitalization.

Urban redevelopment projects by Monacelli Associates, Inc. include master planning and design of street-scape improvement for the two hundred million dollar Cambridge Center mixed-use development project now under construction. A master plan for a mixed-use urban complex of similar size was also prepared for the Massachusetts Institute of Technology. As a prime example of our international work, Monacelli Associates, Inc. prepared, in association with AMDEC, the first urban design plan to be implemented in the Jubail Industrial City in Saudi Arabia, the world's largest construction project.

Urban revitalization projects include the national award winning Harvard Square Urban Design Plan. The firm has also executed an urban development master plan for the revitalization of Miami Beach's twenty block Central Business District as well as a plan for the New England Town of Keene, New Hampshire.

Monacelli Associates, Inc. works with local, regional, national and international clients as well as community groups to provide a wide array of outstanding services in both architecture and urban design. Clients, both public and private, benefit from the firm's unique personal approach and outstanding professional skills provided to every project. In recognition of its high quality, the firm's work has been published both nationally and internationally in such magazines as Progressive Architecture, Architectural Record and Urban Design International.

he foregoing is a statement of facts.

ature: Michael A. Smith Typed Name and Title: Michael Smith, Principal

Date: 12/10/82

FORM (S
255
Architect-Engineer Related Services for Specific Project

East Boston Harborside Project
Master Planning Consultant Services

Daily Announcement Date, if any:

Number, if any:

3. Firm (or Joint-Venture) Name & Address

Moore Grover Harper, PC
Architects and Planners
Essex, CT 06426

3a. Name, Title & Telephone Number of Principal to Contact

J.P. Chadwick Floyd/Vice President
(203) 767-0175

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

3 Administrative	___ Electrical Engineers	___ Oceanographers	___
13 Architects	___ Estimators	1 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
4 Draftsmen	___ Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	21 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Todd Lee Associates, Inc. 148 State St. Boston, MA 02109	Architecture, Planning and Design Waterfront Planning and Urban Design	No
2) Roy Mann Associates, Inc. Museum Wharf Boston, MA 02210	Waterfront Landscape Architecture	Yes
3) Melvin F. Levine AICP and Assoc., Inc. 5619 Open Sky Columbia, Maryland 21044	Economics and Market Analysis	Yes
4) Besier Gibble and Quirin Consulting Engineers, Inc. 130 Elm St., P.O. Box 362 Old Saybrook, CT 06475	Structural and Marine Pier Engineering	Yes
5) Vanasse/Hangen Engineering, Inc. 184 High St. Boston, MA 02110	Transportation	Yes
6)		
7)		
8)		

7. Brief Resumes of Key Persons, Specialists, and Individual Consultants Anticipate this Project

a. Name & Title:

Charles W. Moore, FAIA Principal

b. Project Assignment:

Partner-in-Charge of Design

c. Name of Firm with which associated:

Moore Grover Harper, PC

d. Years experience: With This Firm 9 With Other Firms 20

e. Education: Degree(s) / Year / Specialization

BA Architecture - Univ. Michigan	1947
MFA History of Architecture - Princeton	1956
Ph.D. Architecture - Princeton	1957

f. Active Registration: Year First Registered/Discipline

1949 Architecture
NCARB

g. Other Experience and Qualifications relevant to the proposed project:

Partner, Moore Grover Harper, PC	
Chairman, Dept. of Arch., Univ of CA	1962-65
Chairman, Dept. of Arch., Yale Univ.	1965-70
Fellow-Amer. Instit. for Architects	1970
Professor of Arch. Yale Univ.	1970-75
Professor of Arch. UCLA	1974-present
Program Head-UCLA School of Arch.	1976-present
Visiting Prof. of Arch., Yale U.	1978-present

Architect for numerous award-winning projects since 1963.

a. Name & Title:

J.P. Chadwick Floyd, AIA Principal

b. Project Assignment:

Partner-in-Charge of Project Management

c. Name of Firm with which associated:

Moore Grover Harper, PC

d. Years experience: With This Firm 5 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

BA Drama	1966	Yale University
M. Architecture	1973	Yale University

f. Active Registration: Year First Registered/Discipline

1978 Architecture
NCARB

g. Other Experience and Qualifications relevant to the proposed project:

Partner, Moore Grover Harper, PC	
Grant, National Endowment for the Arts, Study of Celebration Places	1974-75
Visiting Critic, Yale School of Arch.	1976-77
Visiting Critic, Carnegie-Mellon School of Architecture	1976-79
Author, The Shape of Celebration, Arch. Record	July 76
Project Manager: Riverdesign Dayton	1975
Roanoke Design 79	1978
Watkins Glen Tomorrow	1979
Riverdesign Springfield	1981

a. Name & Title:
Todd Lee, A.I.A., President

b. Project Assignment:

c. Name of Firm with which associated:
Todd Lee Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 16

e. Education: Degree(s) / Year / Specialization
Harvard College, BA Cum Laude, '57, Arch. Sci.
U. of Penn, School of Fine Arts, B. Arch.
Harvard Graduate School of Design, Loeb Fellow in Advanced Environmental Studies 1973-74.

f. Active Registration: Year First Registered/Discipline
Massachusetts - 1963 - Architect
AIA/BSA

g. Other Experience and Qualifications relevant to the proposed project:

Todd Lee Associates, Inc. - Principal
Project Director - Current architectural projects.
Earl Flansburgh & Associates, Inc. - Principal, 1981.
Project Director - DEC, Andover II
- Office building studies.
Cambridge Seven Associates, Inc. - Associate Principal, 1977-81.
Principal in Charge - Sheraton Center, NYC, 1965-69
Project Architect - Kennedy Square, Cambridge, MA
- Cowboy Hall of Fame, OK
- NYC Public Library, NY
- Harrah's Boardwalk, NJ
Staff Architect - U.S. Pavilion, Expo '67
Gruzen & Partners - Associate, 1973-77.
Project Architect - Altantic Terminal Station, NY
- Galaxy Mixed-use, NJ
- High School, Tehran
Candill Rowlett Scott - Associate, 1969-73.
Boston Society of Architects - Commissioner of Design, Board Member.

a. Name & Title:
Felicia R. Clark, Vice-President & Director of Planning

b. Project Assignment: Local planning studies & research, community participation process, planning for waterfront & publicly oriented commercial facilities.

c. Name of Firm with which associated:
Todd Lee Associates Inc.

d. Years experience: With This Firm 1 With Other Firms 15

e. Education: Degree(s) / Years / Specialization
Harvard College, B.S. 1953 English/Government
Columbia University School of Architecture & Urban Planning
M.U.P. 1975 Urban Planning
Harvard Univ. Radcliffe Institute Fellow 1972-3 Planning

f. Active Registration: Year First Registered/Discipline
American Institute of Certified Planners -1975- Urban Planning

g. Other Experience and Qualifications relevant to the proposed project:
Specialized planning & implementation of major urban waterfront developments over the last 12 years, including: Buffalo, NY Waterfront and Roosevelt Island, NYC-New York State Urban Development Corp. 1970-1973, responsible for planning the community facilities, recreation, open space. Community & agency liaison, implementation/funding program for those facilities. Gateway National Recreation Area - 26,000 acre shorefront on New York Harbor-States of New York & New Jersey. 1974-1977, chief planning consultant, to Regional Plan Assoc. of New York and Gateway Citizens Committee, for planning & community participation, recreation maritime facility design, community & Congressional liaison. Boston Downtown Waterfront Project, Boston, MA. Director-Development proposals public use & publicity oriented, non-profit & commercial spaces & facilities on the waterfront, including cultural, historic, recreational, tourist & transportation. Prior to 1973, Mrs. Clark was Coordinator of Community Facilities & Social Planning for the New York State Urban Development Corp.; responsible for the planning, programming & implementation of all community facilities state-wide constructed for this public agency. Current memberships: American Planning Association (APA); American Institute of Certified Planners (AICP). Visiting Committee: Harvard University Graduate School of Design.

a. Name & Title:

Felice Mendell, A.I.A.

b. Project Assignment:

Staff Architect

c. Name of Firm with which associated:

Todd Lee Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 9

e. Education: Degree(s) / Year / Specialization

B.Sc. Architecture - McGill University 1971
B. Architecture - McGill University 1973

f. Active Registration: Year First Registered/Discipline

1981 Architecture

g. Other Experience and Qualifications relevant to the proposed project:

- Todd Lee Associates, Inc. - Project Mgr. Central Hotel Renovation, Taipei, Taiwan.
- Community Design Workshop @ McGill University - Architectural Design for Community Groups in Montreal, Quebec.
- Sankey Associates, Architects & David Farley, Planner, Montreal - Project Architect, Quartier Notre Dame - Urban Design Study and Renovation Proposal for Old Montreal - Canadian Architectural Design Award.
- David Boulva Cleve Architects - Place St. Amable Shopping, Office & Housing Complex in Quebec City, Quebec.
- Arcop Associates, Architects, Montreal - Onondaga County Civic Center - 3 Theater and Office Complex in Syracuse, New York.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for This Project

a. Name & Title:

Roy Mann, Principal

b. Project Assignment:

Consultant, Waterfront Landscape Architecture

c. Name of Firm with which associated:

Roy Mann Associates, Inc.

d. Years experience: With This Firm 12 With Other Firms 12

e. Education: Degree(s) / Year / Specialization

B.S. Horticulture Univ. Cal. 1955

MLA Landscape Archit. Harvard Univ. 1967

f. Active Registration: Year First Registered/Discipline

Mass. #331, 1969, Landsc. Architecture
CLARB 1982, Landsc. Architecture

g. Other Experience and Qualifications relevant to the proposed project:

Consultant to Fed. Office of Coastal Zone Mgt., National Park Service, U.S. Fish and Wildlife Service, and other Federal and State agencies on waterfront planning and design.

Expert witness in public hearings on waterfront development and design issues/ Minneapolis, MN, and Wash. DC.

Author of articles and books on waterfront planning and design, including "Review in the City", a study of waterfronts of the U.S. and Europe.

Consultant to the Amer. Inst. of Architects on waterfront open space design in Reno, NV and Portsmouth, VA.

Member, Advisory Board, Waterfront World, national journal for urban waterfront revitalization.

Winner, as principal-in-charge, RMA, of 8 national awards in planning and design since 1976.

a. Name & Title: Thomas Paine
Landscape Architect/Master Planner

b. Project Assignment:

Master Planner/RMA

c. Name of Firm with which associated:

Roy Mann Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 8

e. Education: Degree(s) / Years / Specialization

M.L.A., 1974 - Harvard Graduate School of Design
B.A., 1970 - Harvard College, Architectural Sciences

f. Active Registration: Year First Registered/Discipline

MA #594, 1978 - Registered Landscape Architect

g. Other Experience and Qualifications relevant to the proposed project:

Thomas Paine has nine years of experience in a broad variety of urban, regional, and natural resource planning and design projects. Mr. Paine has served as Project Manager of the Base Exterior Architectural Plan for Philadelphia Navy Base and Portsmouth Naval Shipyard. He is cognizant of the Naval master planning process and site analysis methodology and has worked effectively with appropriate Navy personnel. Mr. Paine also has considerable experience in master planning in urban and institutional contexts. For the University of New Hampshire he was involved in updating the physical master plan as well as providing transportation analysis for a proposed campus circulation plan. Mr. Paine produced physical plans for Arlington, MA; Bedford, MA; and Litchfield, CT. Mr. Paine's experience in the site design of large facilities includes HRCA Housing, Revere, MA; Southwest Campus High School, West Roxbury, MA; and Childrens Hospital Medical Center, Boston, MA.

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1-16 803

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:	a. Name & Title:
Melvin F. Levine, AICP	
b. Project Assignment:	b. Project Assignment:
Financial and Market Feasibility	
c. Name of Firm with which associated:	c. Name of Firm with which associated:
Melvin F. Levine Associates	
d. Years experience: With This Firm 1.5 With Other Firms 25	d. Years experience: With This Firm ___ With Other Firms ___
e. Education: Degree(s) / Year / Specialization In-service training, The Rouse Company Master of City Planning, MIT Courses Municipal Admin and Finance, BU BS, Northeastern University	e. Education: Degree(s) / Years / Specialization
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
1957, City Planning	
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:
Toledo, Ohio Waterfront. Market Feasibility analysis, multi-use project for the downtown waterfront. Client: The Enterprise Development Company (James W. Rouse) 1982 New Haven, CT. Downtown Cultural/Entertainment District Development Plan, including restored Theatre and Symphony Hall. Client: City of New Haven. 1982. Watkins Glen, New York. (with Moore Grover Harper) Development Plaw for 50 acre multi-use waterfront site, including 200 boat marina. Client: Schuyler County Development Agency 1981 Roanoke, VA. (with Moore Grover Harper) Downtown Development Plan. Client: Moore Grover Harper 1979. Minneapolis, Minn. North Loop Development Plan. Waterfront site. Client: Minn. Housing Agency 1980.	

a Name & Title:
Richard E. Hangen, Principal

b Project Assignment:
Transportation, Traffic Engineering, Parking

c Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d Years experience: With This Firm 4 With Other Firms 15

e Education: Degree(s) / Year / Specialization
B.S., 1963, Civil Engineering
M.S., 1967, Civil Engineering

f Active Registration: Year First Registered/Discipline
1968, P.E., Civil Engineering

g Other Experience and Qualifications relevant to the proposed project: Mr. Hangen has directed many comprehensive transportation studies, traffic engineering, highway and parking design projects in densely developed corridors and cities in northeast United States. He directed the Vehicular Access Study of access-egress between Logan International Airport and the East Boston community, including the impact of the Bird Island Flats development at Logan. He has extensive involvement in economic revitalization plans for business districts throughout New England including: Boston's Auto Restricted Zone; Fitchburg, Gloucester, Lawrence, Lowell, Medford, Salem, Webster & Weymouth in Mass.; Lewiston/Auburn and Portland, Maine. He directed the firm's efforts on impact studies for major land developments including: Harvard Sq., Cambridge; Red Sox Parking/Neighborhood Impact; alternative sites for multi-purpose stadiums for Minnesota Vikings/Twins; Newton Corner; MIT Northwest Parcel; Commercial St./Waterfront, Portland, Maine; and numerous shopping malls, industrial parks, hospital expansions & major residential and hotel developments.

a Name & Title:
William J. Scully

b Project Assignment:
Transportation, Traffic Engineering, Parking

c Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d Years experience: With This Firm 1.5 With Other Firms 3.5

e Education: Degree(s) / Years / Specialization
B.S., 1977, Civil Engineering

f Active Registration: Year First Registered/Discipline
1982, P.E., Civil Engineering

g Other Experience and Qualifications relevant to the proposed project: Mr. Scully joined Vanasse/Hangen after several years with the New York Dept. of Transportation. His traffic circulation/impact analysis/parking studies include projects in Albany, Buffalo, Saratoga, Syracuse and Utica, New York; the Vehicular Access Study of access-egress between Logan International Airport and East Boston including the impact of the Bird Island Flats development; circulation patterns and parking in several Massachusetts communities, Connecticut, Maine and Florida. He has been responsible for developing trip generation models and forecasting trip distribution and travel for short and long range systems development, as well as developing socio-economic forecasts. He has been involved in community participation programs and various impact studies of commercial/industrial/real estate developments.

a. Name & Title:
William J. Roache, P.E., Vice President

b. Project Assignment:
Level of Project Development, Project Planning, Highway Capacity Analysis

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
B.S., 1975, Civil Engineering; M.S., 1977, Transportation Engineering, The Transportation Institute, Penn. State University

f. Active Registration: Year First Registered/Discipline
1980, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Roache is in charge of most Vanasse/Hangen transportation and traffic engineering studies, involving capacity and safety analysis, improved geometric design, installation and timing of traffic control devices, parking supply and management, bus and transit studies. He is in charge of the current Transportation Systems Management studies, including signalization at 138 intersections, for the Portland, ME Area Comprehensive Transportation Study (PACTS) and Lewiston-Auburn, ME (LACTS); the Boston Parking Study with Cambridge Systematics, Inc.; Middlesex Turnpike - Route 3 Corridor Planning Study, Burlington, Bedford and Billerica, MA. Previous studies include the impact of the Revere Beach Connector; updating the Eastern MA Regional Highway Network; urban traffic & parking revitalization studies in Attleboro, Dartmouth, Gloucester, Maynard, Milford, Natick, Norwood, Salem and Somerville (Assembly Sq.), MA.

a. Name & Title:
John J. Kennedy, P.E.
Associate

b. Project Assignment:
Transportation Systems Management

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
B.S., 1972, Civil Engineering, Northeastern University, Northwestern University Short Courses; Urban Street System Design,1976; Traffic Signal Systems, 1978

f. Active Registration: Year First Registered/Discipline
1978, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Kennedy has participated in studies of MDC Parkways including the Lynnway and Storrow Drive/Soldiers Field Road. Studies of other major arterials include U.S. Route 1 North in Saugus and Burlington Mall Road, MA; Daniel Webster Highway and Amherst St., Nashua, NH; Delaware Ave. San Mateo, CA. He assisted in the Boston Transportation Planning Review with analysis of the Sumner-Callahan Tunnel, Northwest Corridor and Central Artery study areas. In recent years, he has directed Vanasse/Hangen studies in traffic signalization including 138 locations in Portland and Lewiston-Auburn, ME; Chicopee, Gloucester, Newburyport Norwood and Salem, MA. Sanford, ME; White Plains, NY. Mr. Kennedy has also participated in transportation and environmental impact studies for bicentennial parking facilities in the District of Columbia, Maryland and Virginia; a Sports Center Complex in Baltimore, planned unit developments and shopping malls in Mass. and New Hampshire.

a Name & Title
David A. Bohn, P.E.
Project Manager

b Project Assignment:
Transportation/Traffic Assignment

c Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d Years experience: With This Firm 3 With Other Firms 1

e. Education: Degree(s) / Year / Specialization
B.S., 1978, Civil Engineering; M.S., 1979, Civil Engineering, University of Massachusetts

f Active Registration: Year First Registered/Discipline
1982, P.E., Civil Engineering

g Other Experience and Qualifications relevant to the proposed project:
Mr. Bohn has had a wide variety of traffic engineering and transportation study experience. He played a prominent part in Vanasse/Hangen's Roadway Planning and Priority Programming study for Nantucket, developing an initial $3 million program plus a 10 year continuing program. He has participated in traffic engineering and highway operation studies in Acton, Brockton, Concord, Kingston, Plymouth and Somerville, MA; Windsor, CT; and Merrimack, NH. He is coordinating a Corridor Planning Study of Middlesex Turnpike and Route 3 in Burlington, MA. Business district revitalization studies include Concord and Springfield, MA and Portland, ME. Environmental impact studies include Commonwealth Pier, Boston; Heritage State Park, Fall River; Parcel 1B, Harvard Square Cambridge; Winchester Hospital, MA. He has conducted transit planning studies, parking studies in several cities, and traffic & parking studies for the expansion of many hospitals.

a. Name & Title:
Robert S. Brustlin, P.E.
Principal

b. Project Assignment:
Civil/Waterfront Engineering

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
B.S. and A.B., 1974, Civil Engineering and Engineering Economics; 1976, MLA (Landscape Architecture), Harvard Graduate School of Design

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Brustlin is in charge of all Vanasse/Hangen highway design, site development, landscape architecture and surveying crews. Major highway design includes Route 101 in New Hampshire and I-95 safety improvements in Connecticut. Urban Systems design includes Main St., Nashua, NH; Assembly Square, Somerville; Medford Square, Ring Road & Transit Mall; Maynard Central Business District; Middlesex Turnpike, Burlington and many others. Mr. Brustlin has also supervised Type 5 flood studies (Adams and No. Adams, MA), drainage systems (MDC's Forest Hills Overpass, while with another firm); recreation impact (Big River Reservoir, R.I.); coastal design (Portland, ME Harbor Debris Study; Buttermilk Bay Channel, Bourne, MA; Wells Harbor, ME); lake construction (Stratton Mt., Lake & Dam, VT; West Hill Reservoir, VT); site development, grading, drainage and all utilities for many corporations.

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Steamboat Dock Museum Wolcott Park Essex, CT	MGH Prime Design Administration	Connecticut River Foundation Essex, CT	1981	$750	$750
(2) Riverdesign Dayton Dayton, Ohio	MGH Citizen Participation Prime Design Implementation Coord.	Miami Conservancy District Monument Avenue Dayton, OH	1977	100	Master Plan
(3) Roanoke Design 79	MGH Citizen Participation Prime Design Implementation Coord.	City of Springfield, MA	1979	80	Master Plan
(4) Watkins Glen Tomorrow	MGH Citizen Participation Prime Design Implemenation Coord.	Schuyler County, NY	1980	50	Master Plan
(5) Copley Place, Boston, MA Landlord Construction, Retail Tenant Criteria, Westin Hotel Lobby	TLA Prime Design, Implementation Coordination	Urban Investment Development Corp., Chicago, IL of Boston, MA	1983	460,000	600
(6) Boston Downtown Waterfront Project Boston, MA	TLA/CFPG Project Director Principal Planner Implementation Design	HCRS - U.S. Dept. Interior with BRA and Comm. of Mass.	1981	Report Grant 100	100
(7) Gateway National Recreation Area/ Sandy Hook Unit, NJ	Site planning, waterfront, and landscape architectural consult.	National Park Service Region I Boston, MA	Working drawing Stage pend	$6,100 (c)	$28 (fee)
(8) White River Park Master Plan Indianapolis, IN	Site planning, waterfront and landscape arch'l. consultant	White River Park Devt. Comm The Pumphouse Washington St. Indianapolis, IN	1981 (Plan)	$1,200 (fee) $183,000 (c)	$150 (fee)
(9) Southwest Corridor Parkland Boston,MA	Park Master Plan and Landscape Architectural Coordinator	Southwest Corridor Project Office, MBTA 131 Clarendon Street Boston, MA	1978 (Plan) 1985 (const)	$12,000 (c)	$540 (fee)
(10) North Loop Development Minneapolis, Minn.	MFL for American cities Corp. Devlp. feasibility 135 A.site on Mississippi	Minneapolis, Minn. Housing & Redevelopment Authority	1980	450 million	100% (study)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands).	
				Entire Project	Work for which firm is responsible
U.S. Navy Base Exterior Architectural Plan, NAVBAS, Philadelphia Naval Base, and Portsmouth Naval Shipyard.	RMA- Joint venture principal in charge of landscape architectural and waterfront design for visual improvement.	Northern Division . Naval Facilities Eng. Command Bldg. 77-L, U.S. Naval Base, Phila, PA 19112	15	$285	$166.5
-none-	TLA				
-none-	MGH				

Overall project responsibility will rest with Charles W. Moore as project designer with his East Coast firm of Moore Grover Harper, of Essex, Conn., who will work closely with the two Boston-based associated firms of Todd Lee Associates (planning and architecture) and Roy Mann Associates (landscape architecture).

MOORE GROVER HARPER, P.C., will provide project coordination and design services including conceptual planning, urban design, site design, architecture, community planning, report design and production. It will orchestrate the efforts of city and community participants to achieve a coordinated and well designed result as has been done by the firm successfully on many similar projects. Centralization of responsibility will ensure close collaboration among the professional entities and with the client group.

Moore Grover Harper has received recognition here and abroad for design excellence. This has come to them for a variety of work including many projects with limited budgets. The firm has considerable expertise in building renovation and participatory design and planning at a city-wide scale.

TODD LEE ASSOCIATES, INC. will provide a local office and liason, coordination, planning, research and urban design studies at the local level. It will contribute strongly to the architectural and waterfront development aspects of the project.

Todd Lee Associates is a firm whose principals have dedicated themselves to working with the City and Commonwealth, and supporting the City's efforts on a variety of issues of critical importance to the local built environment. The firm itself, in its nine months since incorporation, has under construction four significant local projects. A signi- ficant achievement for a new practice, this is a measure of its professionalism. One of the firm's principals has maintained a relationship with Charles Moore over several years.

ROY MANN ASSOCIATES, INC. will provide the landscape analysis and waterfront design com- ponents. The firm is well known for waterfront-related services including development, site planning and design. These have included full services to architects and developers, on residential, commercial, institutional, marine, and other projects. Phases have in- cluded initial site analysis and conceptual layout to contract documents for site grading, planting, landscape construction, fountains, and other design components. Particular attention has been focused on problems related to wetlands, flood plain, and creative strategies in site design for urban waterfront rehabilitation, shoreline recreation and open space uses.

11. The foregoing is a statement of facts.

Signature:

Typed Name and Title:

Date:

MELVIN F. LEVINE & ASSOCIATES, INC. will provide economic development analysis. Mr. Levine has provided this critical component for numerous projects of similar scope, both with Moore Grover Harper and with others. His role in the East Boston Harborside is considered significant and continuous throughout the development of the Master Plan. Mr. Levine's prior experience with Boston city agencies, and his work at The Great American City Corp. give him a diverse and unique viewpoint.

BESIER GIBBLE & QUIRIN, consulting engineers, will provide structural and waterfront engineering. As specialists in major waterfront developments, they have completed projects for the U.S. Navy, various municipalities and public agencies. In addition, the firm has completed numerous land-based structural projects including parking garages, cable transmission sites, manufacturing, warehouse, theater, hospital and office construction. Besier Gibble & Quirin have worked the MGH on a number of other projects, including successful waterfront developments.

VANASSE/HANGEN will provide traffic and civil engineering to the project. Vanasse/Hangen's expertise in transportation and traffic consulting is well known in the Boston area. They are currently consulting on other projects to all three principal firms for this proposal (MGH, TLA and RMA) as well as to various local public agencies.

11. The foregoing is a statement of facts.

Date:

Signature:

Typed Name and Title:

Moore Grover Harper and its consultants offer the following experience and services which are essential to the successful design of the East Boston Harborside Master Plan.

1. Outstanding Design

The three principal firms have received 62 awards for design excellence since 1963.

2. Citizen Participation

MGH: Proven techniques used in major urban designs in Dayton, OH; Roanoke, VA; Springfield, MA; Watkins Glen, NY, including production of 17 hours of LIVE TELEVISION programs to date.

TLA/CFPG: Extensive participating planning and design projects for schools, community facilities projects, and for the World Bank.

RMA: Extensive experience in working with communities on waterfront/environment issues. Projects include McPherson Park, Lowell, MA; White River Park, Indianapolis, IN.

3. Historic Waterfront & Harborside Projects

Design of parks and public spaces along the Great Miami River, Connecticut River, Long Island Sound, Genessee River, Boston Downtown Waterfront and Fort Point Channel Demonstration Project, Gateway National Recreation Area, Buffalo Waterfront, Hendersons Wharf, Baltimore Harbor (housing, commercial/retail, open space, marina); Darienport Environmental Tourism Program and Waterfront Master Plan, Darien Georgia. Waterfront planning and design have been RMA's specializations since 1970's and of TLA's/CFPG/s since 1971.

11. The foregoing is a statement of facts.

Signature:

Typed Name and Title:

Date:

4. Local Presence

Todd Lee Associates, Inc. is the local office, staffed full time by principals of the firm, for the duration of the project.

5. Concern for East Boston

We have genuine admiration for East Boston as an historic American waterfront community and would consider it an honor to design this most important part of harbor edge.

Todd Lee Associates, through one of its principals, has initiated and directed various significant Boston Harbor studies.

Roy Mann Associates consulted to the Boston Conservation Commission in 1971 in efforts to help the Neptune Road neighborhood with aesthetic and acoustic protection against truck traffic. MGH, TLA and RMA have always veiwed neighborhood visual and cultural characteristics as being a vital building block of a city's well being.

PROJECT APPROACH

We look forward to a continuing and strong participatory role from the BRA and its professional staff in our work on the evolution of the Master Plan. We are quite familiar with the thorough preparation that has gone into this project on the part of the BRA and the East Boston community and welcome the opportunity to work closely with both entities. We respect the stated goals and concerns and expect to maintain them during all aspects of the process.

The Moore Grover Harper, Todd Lee, Roy Mann team is uniquely qualified for this process. It balances international reputation for design, imagination, powerful community participation and effective implementation, with strong knowlege of and commitment to the issues facing the City of Boston and its waterfront. Thoroughly practical skills from finance to engineering of waterfront sites are complemented with demonstrated talent in the creation of special environments as magnets in their own right and objects of special pride to their communities.

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: Charles W. Moore, FAIA, Principal

Date:

Moshe Safdie and Associates Inc.
Architects and Planners

Boston, 15 December 1982

Mr. Robert J. Ryan, Executive Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02109

Reference: East Boston Harborside

Dear Mr. Ryan:

It is with pleasure that we submit herewith our qualifications for the East Boston Harborside. We believe that our firm, in collaboration with Parsons, Brinckerhoff, Quade & Douglas, engineers, and Gladstone Associates, economic consultants, is uniquely qualified to carry out this work from several points of view:

1. We have successfully developed numerous urban design plans for projects of this kind, including several waterfront sites, such as North Station District, the Old Port of Montreal, and Robina New Town in Australia. In these ventures not only have we developed plans which have acted as a framework for development, but we have also successfully coordinated multi-disciplinary teams, development forces, and public participation into realizable projects.

2. We have extensive experience with recycling and reutilizing existing structures. We have recycled warehouses into housing and offices and developed the competition-winning design for converting the old Baltimore power house into a hotel.

3. We have developed a creative and successful working relationship with the BRA. We believe that our work on North Station demonstrates our ability to produce the work on time, to interact with BRA staff, to deal effectively with all of the public agencies involved, and, last but not least, to develop a concept that has caught the imagination of those involved.

• 2 Faneuil Hall Marketplace, Boston, Massachusetts 02109-1675 USA Tel: 617/523-5732 TWX: 7103211155 Mossaf Bsn
• 3601 University Street, Montreal, Quebec H3A 2B3 Canada Tel: 514/849-2381
• 15 Mamilla Street, Jerusalem, Israel Tel: 02/221471 TWX: 26245 Safar IL

Our interest in East Boston is not just as another project but rather as a natural continuation of our commitment to the redevelopment of the entire Boston waterfront. You might recall that two years ago I spent considerable time in exploring the area beyond the Fort Point Channel as part of a series of Harvard studies. The East Boston waterfront is yet another link that can bring about the renaissance of the Boston waterfront. We would like very much to be part of this process and believe we can make a contribution to it.

Sincerely,

Moshe Safdie

MS:d

FORM (SF) 255
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

Master Plan for East Boston Harborside
Boston, Massachusetts

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Moshe Safdie and Associates, Inc.
2 Faneuil Hall Marketplace
Boston, MA 02109

3a. Name, Title & Telephone Number of Principal to Contact

H. Jan Heespelink, Vice President
617/523-5732

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

5 Administrative	___ Electrical Engineers	___ Oceanographers	1 Librarian
12 Architects	___ Estimators	3 Planners: Urban/Regional	
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	
9 Draftsmen	___ Landscape Architects	___ Structural Engineers	
___ Ecologists	___ Mechanical Engineers	___ Surveyors	
___ Economists	___ Mining Engineers	___ Transportation Engineers	30 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Parsons Brinckerhoff Quade & Douglas, Inc. 120 Bolyston Street Boston, MA 02116	Engineering, geotechnical, transportation and environmental consultants	No
Gladstone Associates 2030 M Street NW Washington, DC 20036	Financial, economic and marketing consultants	Yes

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Moshe Safdie, Principal

b. Project Assignment:

Principal in charge

c. Name of Firm with which associated:

Moshe Safdie and Associates, Inc.

d. Years experience: With This Firm 18 With Other Firms 4

e. Education: Degree(s) / Year / Specialization

B.Arch., McGill University, 1961
Ll.D. (Hon.), McGill University, 1982

f. Active Registration: Year First Registered/Discipline

Quebec - 1964; Ontario - 1975; Fellow, Royal Arch. Inst. of Canada; State of Israel - 1970; New York - #01399 - 1975; Maryland - #3369-R - 1976

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Safdie's international practice as an architect and urban designer includes large scale projects that emphasize innovative and responsive building which contribute to their urban context. As Director of the Urban Design Program at Harvard he pursues improvement of the urban environment as both teacher and author.

The North Station District Plan, Cambridge Center, Coldspring New Town in Baltimore, the Old Port of Montreal, the Mamilla Project in Jerusalem, and Landmark Square in Stamford, Connecticut each demonstrates how a major project can be a catalyst for improving an entire area of a city.

Each involves a portion of a city requiring major intervention to avoid continued decline. The sensitive and

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

dramatic buildings that shape these environments combine office, retail, hotel, residential and parking uses to the benefit of both the individual buildings and the surrounding area. It is this proven ability to deal with today's urban issues coupled with a record of buildings of outstanding architectural merit, from Habitat on, that makes Mr. Safdie an important aspect of this team.

a. Name & Title:
H. Jan Heespelink, Vice President/Senior Associate

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
Moshe Safdie and Associates, Inc.

d. Years experience: With This Firm 2.5 With Other Firms 20

e. Education: Degree(s) / Year / Specialization
B.Arch., Massachusetts Institute of Technology, 1959

f. Active Registration: Year First Registered/Discipline
Massachusetts - #1920 - 1963

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Heespelink has served as project manager on a variety of major projects including Cambridge Center, a mixed use project in Kendall Square; the Occupation Resource Center for Boston; the Treatment, Training and Research Center at Boston University Medical Center; and the South Terminal at Logan International Airport. He also participated in the design of the Human Nutrition Research Center, the Federal Office Building for Springfield, Massachusetts, as well as a large number of smaller projects. Urban design experience includes work during the first phase of the master planning of Robina, a new community in Australia; and master planning of the Royal Saudi Naval Academy. His entire professional career has been based in Boston.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

7. Brief Resu[illegible] Key Persons, Specialists, and Individual Consultants Anticipated [illegible]his Project

a. Name & Title:
Philip Matthews, Vice President/ Associate

b. Project Assignment:
Project Designer

c. Name of Firm with which associated:
Moshe Safdie and Associates, Inc.

d. Years experience: With This Firm 8 With Other Firms 2

e. Education: Degree(s) / Year / Specialization
B.Arch., 1973, University of Liverpool, England

f. Active Registration: Year First Registered/Discipline
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g. Other Experience and Qualifications relevant to the proposed project:
Mr. Matthews has been with MSA for eight years. During this period his major invovlement has been in the area of urban design and planning as Project Manager for Le Vieux Port, Robina New Town, Tampines, Frobisher Bay, and Keur Farah Pahlavi projects. He has travelled widely in connection with these and other projects for which the firm has been engaged.

a. Name & Title:
Toshihiko Taketomo

b. Project Assignment:
Senior Designer

c. Name of Firm with which associated:
Moshe Safdie and Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 4

e. Education: Degree(s) / Years / Specialization
M.Arch., Harvard Graduate School of Design, 1975
B.A., Columbia College, 1971

f. Active Registration: Year First Registered/Discipline
Massachusetts - #4682 - 1978

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Taketomo participated as a member of the urban design team for the master plans of North Station; Cambridge Center, a mixed use project located at Kendall Square. He also served as project architect for Four Cambridge Center, a 250,000 s.f. office building that will be completed in January 1983. Other work includes involvement as design team member for the State Transportation Office Building in Park Square, Boston, and the Ocean Spray Headquarters Building in Plymouth, Massachusetts.

Standard Form [illegible]

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Henry L. Sanger, Vice-President	a. Name & Title: Lauris Eglitis, Senior Structural and Marine Engineer
b. Project Assignment: Technical Adviser - Transportation and Environmental Services	b. Project Assignment: Senior Marine Engineer
c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.	c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.
d. Years experience: With This Firm 12 With Other Firms 6	d. Years experience: With This Firm 3 With Other Firms 15
e. Education: Degree(s) / Year / Specialization B.S./1965/Landscape Architecture M.S./1971/Urban Planning M.S./1976/Transportation Engineering	e. Education: Degree(s) / Years / Specialization Northeastern University/B.S.C.E./1961 Northeastern University/M.S.C.E./1971
f. Active Registration: Year First Registered/Discipline P.E./1977/California, P.E./1979/New Hampshire	f. Active Registration: Year First Registered/Discipline Massachusetts, New Hampshire, Connecticut
g. Other Experience and Qualifications relevant to the proposed project: Serves as principal-in-charge of all regional planning, architectural and environmental projects as well as selected other special projects. Current responsibilities include major environmental impact studies and the design of highway and bridge structures for the Massachusetts Department of Public Works; environmental impact studies for the Metropolitan District Commission; architectural design of a bus storage and maintenance facility in Norwalk, Ct.; a public housing project in Lynn, Ma., and several urban revitalization projects. Previously served as Environmental field deputy and director of the community participation program for the development of a master plan, preliminary engineering and environmental studies for the Naval Trident Submarine Program on Puget Sound, Washington.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Eglitis has over 18 years of structural engineering experience in such diversified areas as waterfront structures, buildings, bridges and tunnels. He has recently completed an assignment as design and construction project manager for a $18 million Container Terminal Facility for Massachusetts Port Authority at Castle Island, South Boston. He has or is supervising structural engineering activities on the following major projects: • Portland Fish Pier Complex (marine structures and • Gloucester Head of the Harbor (marine facilities) Prior to joining the firm, Mr. Eglitis headed structural engineering effort for the Charles River Dam and Navigation Lock Project in Boston, Massachusetts.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Morris S. Levy,
Vice-President Civil Engineer

b. Project Assignment:
Principal in Charge - Engineering Services

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm 16 With Other Firms 9

e. Education: Degree(s) / Year / Specialization
Khartoum University, B.S.C.E., 1951
Columbia University, M.S.C.E., 1964

f. Active Registration: Year First Registered/Discipline
New Hampshire, New Jersey, New York, Maine, Massachusetts, Connecticut

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Levy currently directs all planning and design activities in the firm's Boston office. He has extensive experience in many facets of engineering, including marine facilities, building structures, highways, bridges and rapid transit projects. In many of the difficult projects, he has devised innovative approaches and solutions to complex engineering problems. Among the recent major projects he is directing are the following:

- All engineering design and construction phase services for the site development of the $400 million Copley Place mixed-use development in Boston for Urban Investment and Development Co.
- Head of the Harbor Fish Pier in Gloucester, MA. for the Massachusetts Government Land Bank and the Gloucester Redevelopment Authority.
- Expansion design and construction phase services for the Harvard Square rapid transit station in Cambridge, MA.

a. Name & Title:
Leonard E. Van Houten, Vice-President
Technical Director of Marine Facilities

b. Project Assignment:
Technical Adviser - Marine Facilities

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm --- With Other Firms 35

e. Education: Degree(s) / Years / Specialization
BS/1945/Civil Engineering
MS/1947/Civil Engineering

f. Active Registration: Year First Registered/Discipline
1957/Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
As technical director of Marine Facilities, Mr. Van Houten is responsible for the firmwide performance of all projects involving marine facilities. In addition to maintaining the proper level, types, and mix of professional resources to perform the firm's marine projects, he plans, staffs, and ensures the quality of technical performance.

With over 35 years of experience in the field, Mr. Van Houten is an authority in pipelines and transfer systems, onshore and offshore; in oil and gas production, storage, and transportation facilities; and in ports, harbors, and marine transportation system operations. He has planned, organized, and directed numerous projects around the world.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Owen J. MacDonald Senior Traffic Engineer	a. Name & Title: Allan A. Hodges, AICP Planning Department Manager
b. Project Assignment: Senior Traffic Engineer	b. Project Assignment: Senior Environmental Planner
c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.	c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.
d. Years experience: With This Firm 9 With Other Firms 0	d. Years experience: With This Firm 3 With Other Firms 15
e. Education: Degree(s) / Years / Specialization Northeastern University, B.S.C.E., 1972; M.S.C.E., 1982	e. Education: Degree(s) / Years / Specialization B.S. Community Dvlp't./1962 Unv. Southern Illinois M.U.P., Urban Planning, 1967/Michigan State University
f. Active Registration: Year First Registered/Discipline Massachusetts	f. Active Registration: Year First Registered/Discipline Professional Certification from American Institute of Certified Planners.
g. Other Experience and Qualifications relevant to the proposed project: Mr. MacDonald has been responsible for numerous traffic analyses for a variety of projects during his few years of traffic planning and engineering experience. He has managed or performed traffic analysis, traffic maintenance plans, and trafficcontrol facilities for such projects as the Copley Place mixed-use development in downtown Boston and the Wellington Circle multi-use project in Medford, MA. He has evaluated roadway capacities, estimated traffic volumes generated, and devised pedestrian circulation schemes for proposed real estate developments at the aforementioned sites and for a proposed industrial park in Canton, MA; South Station in Boston, and for an urban revit[illegible]n plan for Watertown, MA. His experience also [illegible]t analysis transit routing schemes and highway locati[illegible]ion Center evaluation.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Hodges' background includes urban and regional planning, real estate development economics, and environmental impact analysis. He has managed the Boston Marine Users Survey of the Ft. Point Channel area and numerous traffic and parking studies; initiated the district planning program for the Boston Redevelopment Authority; and performed real estate market analyses and economic impact feasibility studies for multi-use development projects including condominiums, rental apartments, hotels, restaurants, and retail uses. He has planned training seminars for national associations on tax incentives in real estate development, airport noise, and citizen participation in the planning process. Mr. Hodges is a national commissioner of the American Institute of Certified Planners and a member of the Board of Directors of the American Planning Association.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Andrew B. Boyd, Civil Engineer	a. Name & Title: Michael G. O'Neill Senior Civil Engineer
b. Project Assignment: Civil Engineering	b. Project Assignment: Utilities
c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.	c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.
d. Years experience: With This Firm 5 With Other Firms 3	d. Years experience: With This Firm 6 With Other Firms 7
e. Education: Degree(s) / Year / Specialization Northeastern University, B.S.C.E., 1974 Babson College, M.B.A. Candidate	e. Education: Degree(s) / Years / Specialization Northeastern Univ., B.S./1969/Civil Engineering
f. Active Registration: Year First Registered/Discipline Massachusetts	f. Active Registration: Year First Registered/Discipline PE/1975/Massachusetts; PE/1980/New Hampshire; PE/1981/Rhode Island; PE/1982/Connecticut
g. Other Experience and Qualifications relevant to the proposed project: Mr. Boyd has over 7 years' experience in design of transportation projects. He has been responsible for the preparation of right-of-way and layout plans in addition to final engineering design for several highway projects including: Interstate Route 495, Mansfield to Bridgewater, MA., its interchange with State Route 24 and 25 and the relocation of 4.5 miles of State Route 149; and Interstate Route 93/Route128/Route 3 interchange, Quincy to Braintree, MA. In addition, he has performed preliminary and final design on the following projects: reconstruction of 1.2 miles of roadway in conjunction with the reconstruction of the Revere Beach Parkway/ Fellsway Intersection; Copley Place Development; and Alewife Brook Parkway reconstruction, all in Massachusetts. Prior to joining the firm, his assignments included preparation of right-of-way and layout plans for Route 9/Speen St. interchange and final design for	g. Other Experience and Qualifications relevant to the proposed project: Mr. O'Neill specializes in the civil engineering design of transit systems, highways and infrastructures. He has been intimately involved in utility reconstruction and design projects in urban areas. He served as design engineer responsible for the coordination and relocation of public and private utilities for the Copley Place project in Boston, Mass., including the design and preparation of contract documents for relocating a 42" water main and a cathodic protection system for a portion of the pipe permanently located beneath a hotel complex; Project engineer responsible for the preparation of contract documents for a site preparation contract for the Boston Naval Shipyard including coordination of all private utilities required to service the new development areas and piers. Staff civil engineer for roadway and utility design related to the South Braintree rapid transit station and 1,200 car parking garage for MBTA.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:	a. Name & Title: Arthur Morrone, Environmental Scientist
b. Project Assignment:	b. Project Assignment: Environmental Analysis
c. Name of Firm with which associated:	c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.
d. Years experience: With This Firm __ With Other Firms __	d. Years experience: With This Firm 1 With Other Firms 1
e. Education: Degree(s) / Year / Specialization	e. Education: Degree(s) / Years / Specialization City College of N. Y., B.S. Meteorology & Physics, 1979; M.S., Atmospheric Physics, 1982
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline American Meteoroligical Society
g. Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project: Mr. Morrone has performed a variety of technical analyses using state-of-the-art computer modeling and other analytical techniques for assessing air quality, noise, and vibrational impacts for airports, highways, and buildings of all sorts. He performed community noise impact analyses for the Pittsburgh Light Rail Transit system; noise and aire quality analyses in connection with a new approach roadway to Dulles Airport in Washington, D. C.,; and technical analyses for the West Side Highway reconstruction in New York. He is familiar with field surveys as well as computer prediction methodologies and has designed numerous noise abatement plans.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Julius S. Levine, Executive Vice President

b. Project Assignment:
Economic Consultant

c. Name of Firm with which associated:
Gladstone Associates

d. Years experience: With This Firm 20 With Other Firms 5

e. Education: Degree(s) / Year / Specialization
B.S.C.E., 1954, Brooklyn College of New York
M.C.P., 1960, Massachusetts Institute of Technology

f. Active Registration: Year First Registered/Discipline
American Institute of Planners, 1962 (Bd. of Governors)
American Society of Public Officials, 1965
National Assoc. of Housing and Redev. Officials, 1965

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Levine has directed a wide variety of consulting assignments in major cities in the U.S. and abroad, typically involving determination of market opportunities, formulation of development potentials and in-depth feasibility evaluation. In addition to feasibility studies for commercial and residential development in downtown, center city, and suburban jurisdictions, he has been engaged in various transportation, parking, tourism, convention center, and waterfront developments. Complementing this has been his involvement in housing and community development studies in support of established city objectives and policies, conventional renewal projects, neighborhood development programs, model cities, and community renewal programs. He has coordinated assignments in new communities and new-town-in-town projects in major cities, including: Columbia, MD; Ft. Lincoln New Town in Washington; Coldspring New-Town-in-Town, Baltimore, MD; and Jonathan in Minnesota's Twin Cities area.

a. Name & Title:
Robert Witherspoon, Vice President

b. Project Assignment:
Economic Consultant

c. Name of Firm with which associated:
Galdstone Associates

d. Years experience: With This Firm 8 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
B.A., 1964, University of Rochester
C.E.P., 1967, Institut d'Etudes Politiques, Univ. of Paris
M.P.A., 1969, Woodrow Wilson School, Princeton Univ.

f. Active Registration: Year First Registered/Discipline
American Institute of Planners, 1972
American Society of Public Officials, 1969
Urban Land Institute-ULI, 1975

g. Other Experience and Qualifications relevant to the proposed project:

Project Director of 16-month U.S. Dept. of Housing and Urban Development nationwide survey and evaluation of successful redevelopment projects. Project coordinator for environmental assessment of State Capitol Complex in Springfield, IL. Assignment consisted of producing a social, economic, and ecological impact analysis of four other firms working on the project. Relevant publications: "Mixed Used Development: New Ways of Land Use," Urban Land Inst., 1976; "Environmental Impact Statement and Development," Management and Control of Growth, Urban Land Institute, 1975.

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	Construction Cost e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Le Vieux Port de Montreal Plan for Harbor Development Montreal, Quebec	Prime firm for urban design and planning services	Central Mortgage & Hsg. Corp. Montreal Road Ottawa, Ontario K1A 0P7	1990	600,000	100%
(2) North Station Urban Renewal Boston, MA	" "	Boston Redevelopment Authority City Hall Boston, MA 02201	1990	700,000	"
(3) Cambridge Center Master Plan Kendall Square Cambridge, MA	" "	Boston Properties 8 Arlington Street Boston, MA 02116	1990	150,000	"
(4) Mamilla District Jerusalem, Israel	One of joint venture firms responsible for urban design and planning services	KARTA/Central Jerusalem Dev. Corp., 12 Agron Street Jerusalem, Israel	1988	500,000	65%
(5) Coldspring New Town Master Plan Baltimore, MD	Prime firm for urban design and planning services	Dept. of Hsg. and Community Development, City of Baltimore Baltimore, MD 21203	1985	200,000	100%
(6) Robina New Town Queensland, Australia	" "	Robina Land Corporation P. O. Box 4 Nerang, Qld., Australia	1995	unknown	"
(7) General Development Plan Munic. of Frobisher Bay Northwest Terr., Canada	" "	Village Council of Frobisher Bay, Northwest Territories Canada	1987	30,000	"
(8) Keur Farah Pahlavi New Industrial Town, Government of Senegal, Africa	" "	Ministry of Public Works Government of Senegal Africa	unknown	unknown	"
(9) Park on the Bayou Master Plan for office park Houston, TX	" "	Pre Corporation (Div. of Robin Group), 2500 T.C. Jester Houston, TX 77008	1985	800,000	"
(10) Western Wall Precinct Jerusalem, Israel	" "	Munic. of Jerusalem & Corp. for the Dev. of Jewish Qtr. Jerusalem, Israel	unknown	50,000	"

9. All work by [redacted]s or Joint Venture members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible

Moshe Safdie and Associates, Inc. is not currently involved in work for any federal agency.

Please refer to the following section, Form 255, Question 10.

1. The foregoing is a statement of facts.

Signature: H. Jan Heespelink Typed Name and Title: H. Jan Heespelink , Vice President

Date: December 15, 1982

Standard Form 255 July 1975

Division of PRC Engineering
Long Wharf
Boston, MA 02110
617-723-1700

Planning Research Corporation

December 15, 1982
08-8021-20

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Re: Master Planning Services for
Boston Harbor Development
Statement of Qualifications

Dear Mr. Ryan:

In response to your advertisement in the Boston Globe, December 5, 1982, we are pleased to submit our qualifications to provide consulting services for the planning of the Boston Harbor Development.

PRC Harris has provided engineering services for urban renewal, marine terminals, and recreational facilities for over 50 years. We have participated in projects ranging from urban rapid mass transit to residential and commercial development, including the preparation of feasibility studies, environmental impact assessments, and final designs.

We believe that PRC Harris is uniquely qualified to provide engineering services for this Project based on our experience with planning and engineering, not only in New England but throughout the world.

Very truly yours,

Herbert G. Benson

Herbert G. Benson
Vice President

TRM/tav

Enc.

FORM (SF) 255
Architect-Engineer Related Services for Specific Project

Master Planning Services
for Boston Harbor Development Site

Daily Announcement Date, if any: -

Number, if any: -

3. Firm (or Joint-Venture) Name & Address

PRC Harris, a Division of
PRC Engineering, Inc.
67 Long Wharf
Boston, Massachusetts 02110

3a. Name, Title & Telephone Number of Principal to Contact

Herbert G. Benson, Vice President
(617) 723-1700

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

75	Administrative	32	Electrical Engineers	6	Oceanographers	50	Marine/Port Engineers
15	Architects	28	Estimators	24	Planners: Urban/Regional	11	Computer Sys. Engrs.
	Chemical Engineers	1	Geologists	9	Sanitary Engineers	15	Highway Maintenance, Equipment Training Specialists
10	Civil Engineers	10	Hydrologists	30	Soils Engineers		
40	Construction Inspectors		Interior Designers	13	Specification Writers		
40	Draftsmen		Landscape Architects	155	Structural Engineers		
5	Ecologists	55	Mechanical Engineers	6	Surveyors		
9	Economists		Mining Engineers	11	Transportation Engineers	1150	Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

N/A

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

b. Offsite [redacted] Consultants/Associates Anticipated for this Project (Attach SF 254 if [redacted] Consultants/Associates Listed, if not already on file with the Procuring [redacted] ice)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) NONE		
2)		
3)		
4)		
5)		
6)		
7)		
8)		

. Name & Title:
HERBERT G. BENSON, P.E.,
Vice President

. Project Assignment:
Project Officer

Name of Firm with which associated:
PRC Harris, a Division of PRC Engineering, Inc.

Years experience: With This Firm 11 With Other Firms 23

. Education: Degree(s) / Year / Specialization
1951/Civil Engineering

Active Registration: Year First Registered/Discipline
1955/P.E./Massachusetts #8952

. Other Experience and Qualifications relevant to the proposed project:
Over 30 years of Civil Engineering experience, 25 years in responsible charge with major emphasis in the fields of transportation and heavy construction. Representative projects have included:

• Project Manager for Section II Boston's Southwest Corridor MBTA Project. Construction value is $200 million and includes depressed railroad and rapid transit trackbeds, 3 rapid transit stations, bridges, streets, parks and recreational areas.

• Project Manager, construction supervision and coordination of client-contractor-engineer activities for Massport's multi-million dollar Mystic Container Terminal in Boston, MA.

• Asst. Project Manager in charge of development of master airport plans for Mansfield, Taunton and Lawrence, MA.

a. Name & Title:
THOMAS A. MCMANUS, P.E.
Assistant Vice President

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
PRC Harris, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 4 With Other Firms 28

e. Education: Degree(s) / Years / Specialization
BSCE/1950/Civil Engineering

f. Active Registration: Year First Registered/Discipline
1961/P.E./Massachusetts #12398, 1972/P.E./
New Hampshire #3793

g. Other Experience and Qualifications relevant to the proposed project:
Over 30 years of Civil Engineering experience with emphasis in the fields of transportation, urban renewal and building construction, including 25 years in responsible charge. Representative projects have included:

• Asst. Project Manager for Section II of Boston's Southwest Corridor MBTA Project, which includes redesign of the Orange Line Rapid Transit System, and adjoining arterial streets, bridges, railroad, and recreational facilities.

• Assistant Chief Engineer on TOPICS (Traffic Operation Program to Increase Capacity and Safety) for six Massachusetts cities.

• Responsible charge of preparation of plans, specifications and estimates for major highway project throughout New England including sections of I-95 and I-93.

a. Name & Title:
THOMAS R. MELER, P.E.
Project Engineer

b. Project Assignment:
Project Engineer

c. Name of Firm with which associated:
PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 4 With Other Firms 16

e. Education: Degree(s) / Year / Specialization
BSCE/1962/Civil Engineering
1968-70/Graduate Studies Sanitary Engineering

f. Active Registration: Year First Registered/Discipline
1972/P.E./Massachusetts #26456
1982/P.E./Maine #4664

g. Other Experience and Qualifications relevant to the proposed project:
Over 20 years of Civil Engineering experience with major emphasis in the fields of transportation, urban renewal, recreational facilities and utilities. Representative projects have included:

- Urban renewal projects for Boston Redevelopment Authority including storm drainage, water distribution, sanitary sewers.
- Design of park systems and campgrounds at proposed dam sites in New York and Massachusetts.
- Renovation of seven parks for the City of Malden, MA.
- Team Leader in charge of design of storm drainage, sanitary sewer and utility systems for Section II of Boston's Southwest Corridor MBTA Project.
- Project Engineer for the design of the Quincy, MA. depression for the MBTA Red Line Extension.

a. Name & Title:
STEPHEN P. DESROCHE, R.L.S.,
Senior Civil Engineer

b. Project Assignment:
Team Leader Civil/Chief Surveyor

c. Name of Firm with which associated:
PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 2 With Other Firms 16

e. Education: Degree(s) / Years / Specialization
AE/1974/Transportation, Surveying

f. Active Registration: Year First Registered/Discipline
1974/R.L.S./Massachusetts #27699, 1975/R.L.S./
Maine #1139

g. Other Experience and Qualifications relevant to the proposed project:
Over 18 years of experience in surveying, construction and civil engineering including 10 years in responsible charge. Representative projects have included:

- Asst. Project Engineer for Laconia and Berlin, NH urban renewal projects including roadway design, grading and utilities locations; also Resident Engineer in Berlin, NH for work which included roadway and bridge construction, excavation and embankments, and utility relocation.
- Roadway design, track alignment and surveying for Section II, Boston's Southwest Corridor MBTA Project.
- Project Engineer for several Showcase Cinema parking lots for up to 1500 cars.
- Asst. Project Engineer for the construction of new runway and taxiways at Marshfield, MA and Danbury, CT Municipal Airports, including site grading, drainage, lighting and roadway layouts.

a. Name & Title:

LAWRENCE G. SIRKIS, P.E.,
Senior Structural Engineer

b. Project Assignment:

Senior Structural Engineer

c. Name of Firm with which associated:

PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 1 With Other Firms 30

e. Education: Degree(s) / Year / Specialization

BS/1950/Structural Engineering

f. Active Registration: Year First Registered/Discipline

1959/P.E./Massachusetts #8695
1970/P.E./New Hampshire #2746

g. Other Experience and Qualifications relevant to the proposed project:

Over 30 years of structural engineering experience including 11 years as a self employed consultant and 9 years as principal in the firm of Hooper and Sirkis, Inc. Representative projects have included:

- Responsible charge for a number of school, apartment, and factory structural projects in Massachusetts.
- Responsible charge for the rehabilitation of several existing mill buildings in Fitchburg, Taunton, and Leominster, MA.
- Extensive experience in the design and detailing of reinforcing steel, precast concrete, steel joists, decks, etc.

a. Name & Title:

A. HOWARD SMITH, JR., P.E.,
Civil Engineer

b. Project Assignment:

Drainage/Hydraulics Engineer

c. Name of Firm with which associated:

PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 4 With Other Firms 12

e. Education: Degree(s) / Years / Specialization

BSCE/1966/Civil Engineering

f. Active Registration: Year First Registered/Discipline

1979/P.E./Massachusetts #29498

g. Other Experience and Qualifications relevant to the proposed project:

Over 16 years experience in highway and transportation design including utilities location, drainage and estimates. Representative projects have included:

- Design Engineer on Boston's Southwest Corridor MBTA Project for relocation of Stony Brook Conduit, 12 sq. mi. drainage area, to allow for rapid transit relocation.
- Design Engineer, TOPICS projects in western MA including grading, drainage, channelization and engineer's estimate.
- Preparation of environmental documents and alignment plans for Route 128 access road in Lexington, MA.
- Design Engineer for reconstruction of Massachusetts Avenue Interchange on Route I-93.
- Participated in Design Route of I-190 in Sterling/ Lancaster, MA, and preliminary design for Route I-93 through Franconia Notch, NH.

a. Name & Title:

JOHN J. DIONISIO,
Principal Geotechnical Engineer

b. Project Assignment:

Geotechnical Engineer

c. Name of Firm with which associated:

PRC Harris, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 10 With Other Firms 0

e. Education: Degree(s) / Year / Specialization

BCE/1970/Civil Engineering
MSCE/1976/Geotechnical Engineering

f. Active Registration: Year First Registered/Discipline

1976/Professional Engineer

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Dionisio has sound diversified geotechnical engineering experience which includes field work, laboratory testing, and design. He has been involved in the geotechnical design of several related dredging, river diversion projects, and marine facilities such as offshore sea islands, breakwaters, channels, ports and harbors, drydocks, piers, and wharves. Design tasks for these facilities included method of excavation, slope design and spoil disposal as well as the following geotechnical analysis: Development of soil parameters, slope stability, settlement, pile design, filter design, and liquefaction potential of subsurface soils. Relevant projects include:

- Port Ontario, NY Phase II GDM - Breakwaters and channels.
- Port of Damietta, Egypt Master Plan for 27 berth port.

a. Name & Title:

ROBERT L. BLOWERS,
Senior Civil Engineer

b. Project Assignment:

Senior Civil Engineer

c. Name of Firm with which associated:

PRC Harris, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 4 With Other Firms 16

e. Education: Degree(s) / Years / Specialization

ASCE/1961/Wentworth Institute

f. Active Registration: Year First Registered/Discipline

NONE

g. Other Experience and Qualifications relevant to the proposed project:

Over 20 years of civil engineering experience including emphasis in urban renewal and site development. Representative projects have included:

- Project management of urban renewal sites from planning stages through construction in Massachusetts, Connecticut and New Hampshire.
- Design of and construction administration for improvements to existing parks in Haverhill, MA, and Concord, NH.
- Project management for site developments for sites such as Boston State College, Sewer treatment plant in Milford, NH., Corporate Headquarters for Combustion Engineering in Stamford, CT.

a. Name & Title:
JAMES F. KELLY,
Senior Electrical Engineer

b. Project Assignment:
Senior Electrical Engineer

c. Name of Firm with which associated:
PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 1 With Other Firms 21

e. Education: Degree(s) / Year / Specialization

Technical/1958/Coyne Electrical Technical School

f. Active Registration: Year First Registered/Discipline

NONE

g. Other Experience and Qualifications relevant to the proposed project:

Over 22 years of electrical engineering experience with major emphasis in the fields of mass transit, transportation, tunnels, office buildings, industrial plants, schools and housing. Representative projects have included:

- Team Leader in responsible charge of the electrical design for Boston's Southwest Corridor MBTA Project, Section II. Work included site lighting, communications, fire alarm systems, telephone systems, intercom systems, distribution systems, traction power, pumping stations, emergency systems, maintenance centers, and subway stations.

a. Name & Title:
JAMES MCCORMICK,
Senior Mechanical Engineer

b. Project Assignment:
Senior Mechanical Engineer

c. Name of Firm with which associated:
PRC HARRIS, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 11 With Other Firms 8

e. Education: Degree(s) / Years / Specialization

AAS/1964/Mechanical Engineering

f. Active Registration: Year First Registered/Discipline

NONE

g. Other Experience and Qualifications relevant to the proposed project:

Over 19 years of mechanical engineering experience with major emphasis in the field of piping design, HVAC systems, job scheduling, selection and purchasing of equipment, and design of system controls. Representative projects have included:

- Project Mechanical Engineer for a rapid transit system at Morgantown, West Virginia.
- Clean Room Air Conditioning System for Avery Lab, Farmingdale, NY.
- Humidity controlled room for a vitamin plant, Hempstead, NY.
- Industrial exhaust system for a knitting factory, Franklin Square, NY.
- Plant facilities engineering, Grumman Aerospace Corp.

a. Name & Title:

John S. Noble
Senior Project Planner

b. Project Assignment:

Senior Project Planner

c. Name of Firm with which associated:

PRC Harris, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 19 With Other Firms 12

e. Education: Degree(s) / Year / Specialization

B.S./1949/Antioch College
/1951/Columbia University Graduate School of Architecture and City Planning

f. Active Registration: Year First Registered/Discipline

P.E./New York #40846

g. Other Experience and Qualifications relevant to the proposed project:

Over 30 years of engineering and planning experience with major emphasis in urban renewal, site development and transportation. Representative projects have included:

- Senior Project Planner responsible for redevelopment and renewal of Stamford, CT's 130-acre downtown central business core.
- As a member of the Norwalk, CT Planning Commission responsible for all subdivision plans submitted to the Commission for approval.
- Project Manager responsible for planning and supervision of design of numerous types of transportation systems and urban development projects.

a. Name & Title:

Jelena Civric-Ricklefs
Regional/Urban Planner

b. Project Assignment:

Regional/Urban Planner

c. Name of Firm with which associated:

PRC Harris, a Division of PRC Engineering, Inc.

d. Years experience: With This Firm 9 With Other Firms 12

e. Education: Degree(s) / Years / Specialization

B.S. Arch./1958/Univ. of Sarajevo, Sarajevo, Yugoslavia
P.G. Urban Planning/1966/Univ. of Belgrade, Yugoslavia
PhD Candidate/Urban Planning/Columbia University

f. Active Registration: Year First Registered/Discipline

None

g. Other Experience and Qualifications relevant to the proposed project:

Over 20 years of planning experience with major emphasis in region, urban, port, and industrial planning. Representative projects have included:

- Damietta Regional Development Study, Cairo, Egypt
- Urban Fisheries Facility, Crisfield, Maryland
- Multi-housing, recreation park and marina, and industrial terminal, Louisville, Kentucky
- Rehabilitation of the port of Port Said, Egypt
- Comprehensive development alternatives for the future growth of the City of Ahwaz, Iran
- Regional development study of the Isthmus of Tehauntepec, Mexico
- Future development of the Bandar Abbas region, Iran

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (In thousands)	
				Entire Project	Work for which Firm was/is responsible
Great Lakes Cooperative Port Planning Study	Development of Economic and Planning Strategies for 28 ports in 19 Mid-Western States	U.S. Maritime Administration and DOT for States of Illinois Indiana, Michigan, Minnesota, Ohio, Pennsylvania, and New York.	1980	N/A	100%
Southwestern Connecticut Regional Transportation Study	TSM Improvements Regional Transportation Information Programs	Connecticut Department of Transportation Wethersfield, Connecticut	1980	N/A	100%
Saudi Naval Expansion Projects Jidda and Jubail, Saudi Arabia	Feasibility Studies, Preliminary & Final Design & Technical Advice During Construction	U.S. Army Engineer Division Middle East (Rear) Winchester, Virginia	1980	$320,000	100%
Port of Acujutla, El Savador	Economic Feasibility Study, Planning, Preliminary and Final Design of Container & RO/RO Terminal. Numerical Harbor Modeling to Reduce Harbor Oscillations.	Comision Ejecutiva Portuaria San Salvador, El Salvador,	1983	$ 50,000	100%
Yanbu, Saudi Arabia	Final Design, Hydraulic Model Studies, Environmental Impacts, Post Operations, Simulation Model, & Technical Construction Advice.	Directorate General for Yanbu Project Yanbu Industrial City, Kingdom of Saudi Arabia	1984	$4,000,000	100%
Inner Harbor Industrial Canal New Orleans, Louisiana	Concepts for Replacing In-Site Existing Shiplock with Minimum of Closure Time, Residential Relocations & Environmental Disturbance.	U.S. Army Corps of Engineers New Orleans District New Orleans, Louisiana	1981	$500,000	100%

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (In thousands)	
				Entire Project	Work for which Firm was/is responsible
Bus Maintenance Facilities Broward County, Florida	Planning, Preliminary & Final Design, Construction Management for New 350 Bus & Rehabilitated 200 Bus Facilities.	Broward County Commission Fort Lauderdale, Florida	1983	$ 20,000	100%
Air Force Base Lincoln, Nebraska	Re-Use Study for 4,000-Acre De-Activated Base-Economic Impact Study, Land Use Proposals, Evaluation for Social, Educational & Institutional Usage.	Lincoln Opportunity Team Lincoln, Nebraska	N/A	N/A	N/A
Eastwick Redevelopment Area Philadelphia, Pennsylvania	Planning & Final Design of a Commercial, Industrial & Residential Rehabilitation Project Covering 3,500 Acres.	Redevelopment Authority Philadelphia, Pennsylvania	N/A	$ 40,000	N/A
. Southwest Quadrant Urban Renewal Project	Urban Renewal Plan for 130 Acre CBD-Scheduling, Master Planning, Coordination, Advice, Design & Reviewing Plans.	Stamford's Urban Redevelopment Commission Stamford, Connecticut	On-Going	$267,000	100%

All work [illegible] Joint Venture members currently being performed directly [illegible] principles

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
Flood Insurance Studies Massachusetts & Rhode Island	Preparation of Federal Emergency Management Agency Flood Insurance Studies for 36 Communities	Federal Emergency Management Agency P.O. Building Boston, Massachusetts 02110	90%	1,500	100%

10. Use t[illegible] provide any additional information or description of resourc[illegible] supporting your firm's qualifications for the proposed project

I. INTRODUCTION

The firm of PRC Harris has been actively involved in engineering design and planning for urban renewal, building rehabilitation, and recreational projects since the opening of the Boston Office in 1965. For over 50 years, the Harris organization has participated in projects ranging from rapid transit facilities to residential and commercial developments; preparing feasibility studies, environmental impact assessments, and final designs.

Most recently, PRC Harris has prepared the final design for Section II of Boston's Southwest Corridor Project, a rapid transit facility through the inner city, involving not only relocation of the M.B.T.A.'s Orange Line, but also urban renewal, parkland development, and recreational facility design. Harris acted as prime engineering consultant for Boston's Transportation Planning Review, a study to effect a planned system of urban renewal associated with rehabilitation of transportation facilities.

Our experience in the field of urban renewal also includes design of Stamford, Connecticut's 130-acre downtown urban renewal project; a rehabilitation project covering 3,500 acres in the Eastwick Redevelopment Area of Philadelphia, Pennsylvania; and modification design services for the Westside Preferential Mail Facility in New York.

II. DESIGN ABILITY/EXPERIENCE

PRC Harris has been involved in urban redevelopment and building rehabilitation from project inception through final design and construction.

Harris has developed plans for urban renewal projects in Stamford, CT, Gloucester, MA, and Boston, MA. Our design experience also includes recreational facilities in Lake Champlain and Ithaca, New York, and construction management and inspection services in Reston, Virginia.

In addition to firm experience, the staff of PRC Harris has experience in the engineering design and construction management of a wide range of projects including:

- Urban renewal projects in a number of New England cities
- Site development
- TOPICS programs in several Massachusetts cities

Such experience is important to successful completion of the project within the City of Boston to insure resolution of potential problems such as funding through multi-government agencies, and traffic and pedestrian congestion due to the construction.

III. CONCEPT OF PLANNING

New dimensions have been added to the subject of Planning today which give it a new and vital importance for the future. It is public awareness, on a world-wide scale, of the interaction between economic growth and development in the living environment which we all must share. It is this awareness which gives *Planning for the future* new direction.

However imprecisely Planning is defined, it is increasingly being recognized not only for its traditional role to develop programs to meet specific primary objectives, but also as the discipline which must lead and coordinate the development and evaluation of the impact and interaction of these programs on all uses of the total environment.

These environmental impact considerations, are new and developing concerns. The methods for developing the answers to the questions they raise are still evolving. Sufficient expertise to study and evaluate all of the elements in these considerations encourages the bringing together of groups of specialized disciplines to merge their diverse capabilities and priorities. In this way, solutions can be found which will meet the insistent

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: _____

Date:

10. Use t[illegible] provide any additional information or description of resourc[illegible]ing your firm's qualifications for the proposed project

needs of a modern society without concurrently creating an unintended, but none-the-less critical degradation of the physical or socio-economic environment as a whole.

Today's demand is not for environmental planning as a separate function. It is rather to be included as an essential ingredient in any Planning study for any type of project.

This is the new challenge to Planning and the new challenge to consulting engineers. It is the concept underlying all of the Planning efforts of Harris. It means that society as a whole should always be recognized as a co-client for any program which is being developed. A program's total impact on the interests of the public must be fully evaluated before any solution is proposed.

The execution of a Planning effort which can accomplish these objectives, of necessity, requires a multi-disciplined approach. Frequently, only the highly specialized subdisciplines can supply the high degree of expertise to develop an optimum solution.

Harris has, within its own organization, many of the engineering subdisciplines necessary to plan for the new ecology demands - hydrology, geology, oceanography and soil mechanics. Other specialized disciplines and subdisciplines are available to Harris as a member company of the Planning Research Corporation family of service companies. The services of affiliated companies are available, as needed, for informal consultation, for spot participation, or for inclusion as full membership on an interdisciplinary team. Whatever degree of participation is warranted by the particular problem, the client is assured of top quality rather than generalized expertise.

IV. PLANNING SERVICES OFFERED BY HARRIS

Infrastructural Support for Renewal or Development

- Roads and Streets for Circulation and Access
- Mass Transit and Multi-Modal Interface
- Multi-Modal and Redistribution Facilities for Urban Complexes
- Solid Waste Programs for Collection, Transport and Disposal
- Sewers, Sewerage and Drainage Systems
- Fuel Sources and Distribution Planning
- Traffic Improvement and Controls

Development Planning and Urban Renewal

- Land Use Studies
- Infrastructural and Life-Support Systems
- Economic Base Analyses and Programming
- Traffic and Transportation for People and Goods
- Feasibility Studies and Planning for Public Service Facilities

Waterfront Development-Ports and Harbors

- Complete range of services for the creation of new or ongoing development of commercial or special-purpose private ports including:
  - Physical location and engineering feasibility studies
  - Feasibility Studies for Financing
  - Port Planning for both Waterside and Onshore facilities
  - Materials Handling Systems
  - Port Operations Studies
  - Land and Water Transportation Interface for:
    - General Cargo Ports
    - Container Ports
    - Dry Bulk Ports
    - Liquid Bulk Ports

11. The foregoing is a statement of facts.

Signature: ..... Typed Name and Title: .....

Date:

- Cryogenci Ports for LNG and LPG
- Transshipment Centers and Free Trade Industrial Zones

- Waterfront Land-use Studies
- Recreation and Park Development
- Marinas and Boating Centers
- Environmental Compatibility and Pollution Studies

Business and Industrial Economics

- Industrial Development Studies
- Cost/Benefit Studies for Public Works and Development Projects
- Feasibility Studies for Financing
- Shipping and Shipbuilding Requirements Forecasting
- Petroleum Transport, Shipping and Receiving Studies
- Industrial and Commercial Facilities Planning with special emphasis on Waterfront Structures

Course-of-Action Studies

- Resolution of Objectives
- Development of alternative options to accomplish objectives
- Evaluation of Alternatives and Recommendation of Optimum Choice

V. FIRM ORGANIZATION

The organization of PRC Harris is built upon a departental structure. Each project is administered by a Proect Officer and Project Manager. The Project staff is elected from individual departments to form a complete and ulti-disciplinary team.

The Project Officer has overall responsibility for initial planning and scheduling, coordination, and control, as well as for the overall performance of the work. It is the Project Officer's responsibility to see that the project is implemented in accordance with the client's contract with PRC Harris.

The Project Manager is the leader of the team of professionals who perform the tasks required to transform a concept into reality. The Project Manager organizes the job in terms of sequence of tasks, the type and number of people required for each phase, and the timing at which various tasks are to be started and completed. The Manager also establishes and maintains the controls necessary to assure completion of the project on time, and in accordance with the specifications and budget.

In addition to maintaining a highly qualified staff in our Boston, Massachusetts Office, PRC Harris has offices nationwide from which to draw engineers and support personnel for specialized skills and experience. The project would be managed from our Boston, Massachusetts Office to assure efficient completion of site investigations, survey, and data acquisition.

Our reputation for quality engineering is the result of the creative talents and practical experience of the engineers, planners, and economists that make up the Harris professional staff.

VI. EQUAL EMPLOYMENT OPPORTUNITY

PRC Harris is firmly committed to the principles of Equal Employment Opportunity and to Executive Order 11246, 11375; Section 60-20, Age Discrimination Act of 1967, the Rehabilitation Act of 1973, and the Vietnam Veterans Readjustment Act of 1974.

1. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: _____

Date:

EEO/AFFIRMATIVE ACTION

PRC Harris has an affirmative action program approved by the Office of Federal Contract Compliance, Contract No. -8, dated November 19, 1976. That statement includes, but is not limited to the following: Statement of Policy, Recruitment, Placements and Promotions, Training, Layoffs, Terminations, Reporting, and the Assignment of an Equal Employment Opportunity Officer, Erwin Abonyi, Senior Vice President. The Boston Office is comprised of 20% minority and 25% female personnel.

EEO/MINORITY BUSINESS ENTERPRISES

PRC Harris will continue to utilize the services of numerous minority/female-owned businesses to provide the project with architectural, engineering, and support services.

PRC Harris will continue to make an explicit and strong effort to utilize minority and female personnel in all managerial, professional, and technical disciplines required for the completion of this project.

TRAINING PROGRAM

PRC Harris also recognizes the need for training of disadvantaged youth and have made a permanent commitment to recruit, train, and upgrade young applicants from the low income community.

PRC Harris has, in addition to its in-house training program, participated in the M.B.T.A. Educational Training Program. PRC Harris has hired two graduates of the Training Program as full-time regular employees.

QUALITY ASSURANCE PROGRAM

PRC Harris presently has an approved Quality Assurance Program which is being followed on our waterfront and offshore marine projects. This is based upon Title 0 - Code of Federal Regulations, Ports, Appendix B (10CFR50 Appendix B).

1. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: Herbert G. Benson, Vice President

Date: 15 December 1982

Sasaki Associates, Inc.

December 15, 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

DEC 15 1982

Re: East Boston Harborside Master Plan
SA 2360

Dear Mr. Ryan:

Sasaki Associates, Inc., is pleased to have this opportunity to submit credentials for multidisciplinary master planning services relating to the East Boston Harborside Project. We are enthusiastic about the master plan for these underutilized piers as a publicly accessible waterfront development that will contribute greatly to the continued economic resurgence of Boston Harbor. We recognize that in the early and mid-nineteenth century the East Boston waterfront was the site of Donald MacKay's activities in the design and construction of part of the fleet of swift and graceful clipper ships that were the back-bone of Boston's world-wide trade and the basis for its early growth and prosperity. It is appropriate that East Boston should share in Boston's present successful revitalization.

Because of our local knowledge and the interdisciplinary nature of Sasaki Associates' practice and our extensive experience in planning, design, and construction of complex waterfronts, we believe we are sensitive to Boston's early history and the present community and have developed exceptional skills for the planning and revitalization of the East Boston piers. These include marina planning and design, waterfront land use, circulation and public access planning, adaptive reuse of old buildings, engineering of coastal structures, traffic and transportation planning, and environmental assessment.

In addition, through our earlier work on the Boston waterfront and many recent downtown and neighborhood revitalization projects, we are experienced at working with community groups to achieve the basis of consensus and support crucial to the project implementation. Planning and urban design skills, combined with in-house engineering services, give us the ability, early on, to balance broad community objectives with the specifics of marketable land use and the cost and environmental constraints of waterfront development. The overriding purpose of our multidisciplinary practice is to provide the practical, step-by-step solutions necessary for the successful implementation of waterfront projects.

64 Pleasant Street, Watertown, Massachusetts 02172 617/926 3300 Telex 92/2471

The Sasaki project team assembled for this assignment will consist of our best and most experienced senior people in Boston waterfront work. I will act as Principal-in-Charge and will work jointly with Stuart Dawson, who will be Principal Landscape Architect, and Maurice Freedman, who will be Principal Engineer. John Adelberg will serve as Project Manager and Senior Planner. We will be assisted by other Sasaki Associates professionals who have previously worked on BRA projects or have had other Boston experience.

It is the experience of Sasaki Associates that an interdisciplinary planning process must be interactive with financial and market economic issues. We have had an excellent recent working relationship on these matters with Meredith & Grew, Inc., of Boston. They have assembled a team of key financial and market experts who, directed by Brian Fallon, Vice President of Real Estate Services, will assist in the planning process. We envision that this combined team will be most effective for the revitalization of this portion of East Boston's waterfront. We have also included Meredith & Grew's credentials.

We appreciate this opportunity to submit our qualifications and look forward to meeting with you to discuss the specific nature of the project.

Sincerely,

Maurice Freedman for

Richard F. Galehouse, AICP
Principal

jlk/2360

Enclosure

NDARD
M (SF)
55
ect-Engineer
d Services
ecific
ct

1. Project Name / Location for which Firm is Filing:

East Boston Harborside Project
East Boston, MA

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

m (or Joint-Venture) Name & Address

saki Associates, Inc.
Pleasant Street
tertown, MA 02172

Sasaki Associates, Inc.
2910 M Street, NW
Washington, D.C. 20007

saki Associates, Inc.
3 Alcazar Avenue
ral Gables, FL 33134

3a. Name, Title & Telephone Number of Principal to Contact

Richard F. Galehouse
Principal
617/926-3300

3b. Address of office to perform work, if different from Item 3

rsonnel by Discipline:

dministrative 35	___ Electrical Engineers	___ Oceanographers	4 Field Representatives
rchitects 41	___ Estimators	11 Planners: Urban/Regional	2 Environmental Specialists
hemical Engineers	1 Geologists	1 Sanitary Engineers	2 Graphic Designers
ivil Engineers 17	2 Hydrologists	1 Soils Engineers	5 Office Service Staff
onstruction Inspectors	___ Interior Designers	1 Specification Writers	10 Urban Designers
raftsmen 13	45 Landscape Architects	1 Structural Engineers	3 Traffic Analysts
cologists	___ Mechanical Engineers	1 Surveyors	1 Systems Analyst
conomists	___ Mining Engineers	6 Transportation Engineers	208 Total Personnel

ubmittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm:
h SF 254 for each if not on file with Procuring Office.)

s this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already on file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Meredith & Grew Inc.	Financial and market feasibility.	Yes
2)		
3)		
4)		
5)		
6)		
7)		
8)		

a. Name & Title: Richard F. Galehouse
Principal

b. Project Assignment: Principal-in-Charge

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 22 With Other Firms 4

e. Education: Degree(s) / Year / Specialization

Bachelor of Architecture, 1956
Master of City & Regional Planning, 1960

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Responsible for land capability & regional planning for a variety of community & institutional planning, resource analysis & environmental impact projects. Principal-in-Charge of the Environmental Impact Statement for the 1980 Winter Olympics in Lake Placid; the impact report & master plan for a 2,000-acre recreation area/flood control basin anticipated as a site for the events of the 1984 Summer Olympic Games in Los Angeles; the 75-block area master plan in downtown Buffalo, NY; & McCormick Ranch, a 95-acre mixed-use development in Scottsdale, AZ. Resource analysis/land planning includes 52,000-acre Carrabassett Valley in Maine & 65,000-acre tract in Volusia & Putnam Counties, FL. In the area of new community planning, projects such as 1,100-acre site for 21,000 persons in Dade County, FL which included preparation of PUD & rezoning. He directed the Princeton Forrestal Center, a long-range development plan for 1,600-acre planned light industrial & residential community in Princeton, NJ.

a. Name & Title: Stuart O. Dawson
Principal

b. Project Assignment: Project Landscape Architect

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 23 With Other Firms 1

e. Education: Degree(s) / Years / Specialization

Master of Landscape Architecture, 1958

f. Active Registration: Year First Registered/Discipline

Landscape Architecture, 1964

g. Other Experience and Qualifications relevant to the proposed project:

Over 20 years experience in the area of landscape design for urban area planning & design projects; major community & re- creational development projects; major campus planning pro- jects; & office & industrial projects. Principal-in-Charge and designer for Boston Waterfront Park, a 4.5-acre urban water- front park; 2.3-acre Newburyport Waterfront Park; the revitalization of Long Wharf in downtown Boston; West Riverbank Park, a 6.5-acre waterfront park in Grand Rapids, MI; 7-acre Charleston Waterfront Park & adjacent downtown in Charleston, SC; 6-acre Nashville Riverfront Park in Nashville, TN; and 12- acre Promenade Park, an urban park on the Maumee River in down- town Toledo, OH. Landscape Principal-in-Charge and designer for historic areas and urban malls, plazas and street improvements, including downtown Newburyport, Boulder Mall & Maineway Mall in Portland, ME.

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1-16 603

a. Name & Title: Maurice Freedman, Principal

b. Project Assignment: Project Civil Engineer

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 12 With Other Firms 17

e. Education: Degree(s) / Year / Specialization

Bachelor of Science, 1965, Civil Engineer

f. Active Registration: Year First Registered/Discipline

Professional Engineer (Civil) 1965

g. Other Experience and Qualifications relevant to the proposed project:

Served as director of environmental and civil engineering services for numerous coastal/waterfront projects including a master plan for approximately 1 mile of Boston's downtown waterfront from Commercial Wharf to Pier 4 in S. Boston; cost estimates for bulk rehabilitation and dredging of South River Channel as well as urban design & planning for a 5-acre waterfront park & marina in downtown Salem, MA; engineering feasibility evaluations/study of alternative edge treatments of marina/boat basin & new wharves and bulkhead for over 2,500 feet of waterfront as part of Lynn's downtown revitalization program; feasibility, planning and environmental studies for waterfront developments in Newburyport & Haverhill, MA; a master development plan for Perth Amboy, NJ urban waterfront area and for the 38-acre Sewaren, New Jersey Waterfront Park; & master planning & urban design & development guidelines for 7-acre Charleston, SC Waterfront Park & adjacent downtown.

a. Name & Title: John Adelberg
Senior Associate

b. Project Assignment:
Project Manager/Planner

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 21 With Other Firms 5

e. Education: Degree(s) / Years / Specialization

Master of City Planning, 1957
Bachelor of Architecture, 1952

f. Active Registration: Year First Registered/Discipline

Architecture, 1965

g. Other Experience and Qualifications relevant to the proposed project:

Extensive experience in physical planning and design of urban centers and neighborhoods, commercial and office facilities, and urban university and medical campuses. Responsible for direction of major planning, urban design projects. Recent work under Mr. Adelberg's direction includes preparation of plans for major downtown/waterfront revitalization efforts in Lynn, MA and Bristol, RI; a study of recreational opportunities along the Dorchester Bay waterfront of Boston; strategies for the revitalization of central business districts in Pottstown, PA and Greenfield, MA; and the preparation of a development plan for the Downtown Cultural District in Rochester, NY.

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a. Name & Title: Randy Thueme, Associate

b. Project Assignment: Landscape Architect

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 5

e. Education: Degree(s) / Year / Specialization

Bachelor of Landscape Architecture, 1975

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Experienced in the areas of landscape and urban design projects. Currently Project Landscape Architect for urban design and master planning services for the restoration of Boston's historic Long Wharf. Other projects he has been involved in as project designer and landscape architect include the urban design for a proposed 400,000-sq. ft. New England Aquarium Office/Research Building adjacent to the existing Aquarium in Boston; landscape/urban design for Charleston Waterfront Park and adjacent downtown in Charleston, SC; and urban design and implementation of streetscape improvements and 20,000-sq. ft. plaza as part of the redevelopment of downtown Highland Park, IL.

a. Name & Title: Edward J. Fitzgerald, Jr., P.E.

b. Project Assignment: Civil Engineer

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 1 With Other Firms 20

e. Education: Degree(s) / Years / Specialization

Bachelor of Science in Civil Engineering, 1960

f. Active Registration: Year First Registered/Discipline

Professional Engineer (Civil) 1973

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Fitzgerald has over 20 years of experience in civil & high- way engineering as well as traffic engineering & planning. Current projects in which he is involved as Project Engineer are the waterfront park & urban design study in Charleston, SC and site design and drainage engineering for the European Ame- rican Bank Plaza in Hempstead, NY. Other projects in which he has been involved include traffic engineering for Prudential Life Insurance Co. office park in Westwood, MA & engineering services for Springfield Transit Mall in MA. Prior to joining SA, Mr. Fitzgerald worked for the Massachusetts DPW as Project Manager for the reconstruction of the Charlestown section of the central artery in Boston. While at the MDPW Bureau of Traffic Operations he was responsible for: developing an in- formation system to prioritize all statewide highway safety projects; designing a computerized statewide accident records system; & administering several federal programs relating to highway safety.

4) 1-16 603

a. Name & Title: Richard G. McAllister

b. Project Assignment: Traffic/Transportation Planner

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 1½ With Other Firms 10

e. Education: Degree(s) / Year / Specialization

Bachelor of Science in Civil Engineering, 1970

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. McAlliister has over ten years experience in planning & design of streets & highways in urban areas. Prior to joining Sasaki Associates, he was a Traffic Engineer with the Boston Redevelopment Authority & was responsible for traffic engineering analysis & design of several downtown urban renewal & urban systems projects including the Chelsea/Water Streets Connector & both the North Station & South Station Urban Renewal Areas. He has also participated in the preparation & review of Environmental Impact Statements for major urban projects.

a. Name & Title: Alan L. Ward, Associate

b. Project Assignment: Urban Designer

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 2 With Other Firms 3

e. Education: Degree(s) / Years / Specialization

Bachelor of Architecture, 1974
Master of Landscape Architecture, 1978

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Experienced in urban design & landscape design projects. Currently Project Designer for a feasbility study of 21 acres of the former Sugar Bowl site for high density residential development; master planning services for a high density, residential development on a 60-acre waterfront site in Key Biscayne; & planning & design services for a 4-block transit mall & concept planning for the Springfield Heritage State Park & design review of downtown. Recent projects include Flat Branch Redevelopment, an urban planning & design project for a 44-acre redevelopment site in Columbia, Missouri; design consultation services for a transit mall & street improvements in the central business district of Columbus, Ohio.

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1-16 803

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Varoujan Y. Hagopian

b. Project Assignment: Coastal Engineer

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 8

e. Education: Degree(s) / Year / Specialization

Bachelor of Science in Civil Engineering, 1977

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Hagopian has many years of experience as a coastal engineer. He is currently Assistant Project Manager of the Kuwait Waterfront project, the development of 21 kilometers of coastline for recreational use for the city of Kuwait. His responsibilities include the design of a full function marina, over 4,000 linear feet of protective breakwaters & jetties, beaches & 21 kilometers of revetments & bulkheads. Other coastal projects in which he has played a key role include the planning & design of Promenade Park on the Maumee River in Toledo, Ohio; the Milwaukee Waterfront Park in Wisconsin; & the Charleston Waterfront Park in South Carolina.

a. Name & Title: Steven L. Kurz, Ph.D.

b. Project Assignment: Senior Geologist

c. Name of Firm with which associated:

Sasaki Associates, Inc.

d. Years experience: With This Firm ___ With Other Firms 8

e. Education: Degree(s) / Years / Specialization

B.S., 1969, Earth Science
M.A., 1972, Geology
Ph.D., 1975, Geology/Environmental Geology

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Dr. Kurz has many years experience in the discipline of hazardous waste management. He has project managed numerous hydrogeological studies where he monitored well installations, waste site investigations, & field radiological & geological studies. Dr. Kurz has been involved with geology/hydrology evaluations for the past 12 years. Before joining Sasaki Associates, Dr. Kurz worked on various projects that involved environmental aspects of alternative fuel consumption, including air & water impact analysis, & hydrogeological studies pursuant to resource recovery operations & hazardous waste sites (both uncontrolled & known secure sites).

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.803

B. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Kuwait Waterfront Project Kuwait City Kuwait	Master plan, landscape design & civil & marine engr. for 12-mile land-fill for waterfront	Kuwait Municipality Kuwait, Arabian Gulf	1990	$220,000 (constr.)	$150,000 (constr.)
(2) Dorchester Waterfront Study Dorchester, MA	Conceptual plan & development program for 1-mile of urban coast land including public access to waterfront for residents and ind./comm. uses	Office of Coastal Zone Mgmt. Mass Office of Environmental Affairs Boston, MA 02202	1981	NA	$12
(3) Charleston Waterfront Park Charleston, SC	Planning, LA, civil engr services for park along Cooper River.	City of Charleston Dept. of Planning and Urban Design 116 Meeting Street Charleston, SC 29401	1982	NA	$150 (fees)
(4) Newburyport Waterfront Park and Bulkhead Newburyport, MA	Civil engr. and LA for development of waterfront promenade and seawall in historic area.	Newburyport Redevelop. Auth. Old Customs House Water Street Newburyport, MA	1980	$2,250	$2,250 (constr.)
(5) Long Wharf Master Plan	Urban dsg master plan for wharf & adj. dwtn waterfront.	Boston Redevlop. Auth. City Hall Boston, MA 02201	1981	NA	$63 (fees)
Long Wharf Phase I Boston, MA	Urban design/LA & civil & marine engr. - PH I reconstr.		1984	$2,500	$1,800
(6) Boston Waterfront South Boston, MA	Schematic master plan for the area of Boston Waterfront from Commercial Wharf to Fort Point Channel and NE to Anthony's Pier 4.	Mr. Robert Ryan, Director Boston Redevelop. Auth. City Hall, Rm. 900 One City Hall Square Boston, MA 02201	1979	NA	$65 (fees)
(7) Boston Waterfront Park Boston, MA	Design of 4.5-acre park in historic district. Final link in Boston Pk System "Walk to the Sea."	Boston Redevelop. Auth. City Hall Boston, MA 02201	1976	NA	$2,500
(8) Lynn Revitalization Program Lynn, MA	Preparation of revitalization plan & UDAG application for waterfront area, cont. mgmt. & coordination services.	City of Lynn Department of Community Development	1979 (ongoing	NA	$50
(9) Minneapolis Central River Master Plan & Hennepin Park Minneapolis, MN	Master plan for open space along the Mississippi River in dwtn. Minn. Design & super. of Hennepin Park constr.	Riverfront Development Coordination Board City Hall Minneapolis, MN	1978	NA	$750 (constr.)
(10) Bristol Waterfront/ Downtown Development Plan Bristol, RI	Preparation of comprehensive physical plan & implementation program for the revitalization of CBD and waterfront.	Department of Community Dev. Town of Bristol Bristol, RI 02809	1982	NA	$30

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
Beltsville Agricultural Research Center Beltsville, Maryland	Long-range development plan for 8,200-acre research center.	U.S. Department of Agriculture Beltsville, Maryland	95%	NA	$120 (fees)
Pennsylvania Avenue Washington, D.C.	Overall coordination of landscape improvements for Pennsylvania Avenue from the Capitol to the White House.	Pennsylvania Avenue Development Corporation Suite 1148 425 13th Street, NW Washington, D.C.	Ongoing	NA	$240 (fees)

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Services

SA is a planning and design firm offering comprehensive professional services in planning, architecture, landscape architecture, civil engineering, and environmental science. Active since 1953, SA is a pioneer in the multi-disciplinary approach to environmental planning and design. This approach insures that environmental qualities are enhanced within the framework of financial, technical and community considerations. SA often acts in the role of coordinator to insure that the program elements and physical aspects are mutually supportive and further the established public policy and management goals.

SA provides a broad range of studies from initial planning feasibility to construction. These include:

-Regional Analysis
-New Community Planning
-Land Use/Circulation Planning
-Environmental Impact Studies
-Institutional Planning
-Zoning Regulatory Studies
-Infrastructure Planning
-Urban Design
-Landscape Design/Construction
-Site Design/Construction
-Engineering Design/Construction
-Architectural Design/Construction

Staff Resources

SA's emphasis on the multi-disciplinary approach requires a professional staff which is not only trained in a particular field, but experienced in other areas through collaboration with other disciplines. Key staff members at SA are professionally trained in city planning, landscape arhcitecture, architecture, or engineering and many are formally trained in more than one discipline.

The composition of the staff, now numbering over 100, also reflects the multi-disciplinary approach which has come to characterize the firm. A balanced organization exists with substantial representation of each of the major disciplines. The professional training and experience of lead personnel demonstrates the depth and complementary nature of SA's staff.

Experience

During the past two decades, SA has undertaken a broad range of projects for a variety of public and private clients. Active involvement has verified our professional judgement that, although each project is different and requires its own unique solution, the process which results in that solution is similar for all. Our ability to respond to the needs of a project in a logical and systematic manner has matured and been broadened by the cumulative experience of each new task.

SA is particularly experienced with public use building, materials handling systems, pre-engineered structures, laboratory/work space facilities, and knowledge of local authorities and regulations. With this experience, we feel that SA and its proposed consultants are especially qualified to provide architectural/engineering services for your headquarters complex.

11. The foregoing is a statement of facts.

Signature: Paul Gardescu Typed Name and Title: Paul Gardescu, President Date: 14 Dec 82

Standard Form 255 July 1975
Prescribed By GSA Fed. Prop. Reg. 41 CFR 1-16.903

SERT, JACKSON AND ASSOCIATES INCORPORATED, ARCHITECTS AND PLANNERS
44 BRATTLE STREET, CAMBRIDGE, MASSACHUSETTS 02138 TELEPHONE: (617) 868-2570 TELEX: 92-1425

PRINCIPALS: HUSON JACKSON, FAIA WILLIAM LINDEMULDER, AIA JAMES B. HEROLD, AIA
ASSOCIATES: PRISCILLA D. KERN HUGH PHILLIPS COMPTROLLER: MARGARET P. MURPHY

CONSULTANT: JOSEP LLUIS SERT, FAIA

15 December 1982

DEC 15 1982

Mr. Robert J. Ryan
Boston Redevelopment Authority
1 City Hall Square
Boston, MA 02201

Dear Mr. Ryan:

We are pleased to submit our qualifications and those of our team members, Economics Research Associates (ERA) and Sippican Consultants International (SCI), for master planning consultant services for the East Boston Harborside site. The attached letter from ERA describes their unique qualifications in the area of economic planning. SCI has extensive experience in dealing with the complex engineering problems of waterfront development. Sert, Jackson and Associates has developed many award winning projects in the Boston area, several as an outgrowth of earlier master planning studies.

We look forward to hearing from you and hope we will be working for you on this project.

Sincerely yours,

SERT, JACKSON AND ASSOCIATES, INC.

William Lindemulder

WL:w

STANDARD FORM (SF) 255
Architect-Engineer Related Services for Specific Project

East Boston Harborside
City of Boston

Commerce Business Daily Announcement Date, if any:

20. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Sert, Jackson and Associates, Inc.
44 Brattle Street
Cambridge, MA 02138

3a. Name, Title & Telephone Number of Principal to Contact

William Lindemulder
(617) 868-2570

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

3 Administrative	___ Electrical Engineers	___ Oceanographers	1 Model Builder
5 Architects	___ Estimators	1 Planners: Urban/Regional	
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	
4 Draftsmen	1 Landscape Architects	___ Structural Engineers	
___ Ecologists	___ Mechanical Engineers	___ Surveyors	
___ Economists	___ Mining Engineers	___ Transportation Engineers	15 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

6a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

(Attach Resumes of Key Personnel/Associates Listed, if not already on file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Sippican Consultants International, Inc. 1033 Massachusetts Avenue Cambridge, MA 02238	Engineering	Yes
2) Economics Research Associates 334 Boylston Street Boston, MA 02116	Economic and Marketing Analysis	No
3)		
4)		
5)		
6)		
7)		
8)		

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-16.80

a. Name & Title:

HUSON JACKSON, Principal

b. Project Assignment:

Principal-In-Charge

c. Name of Firm with which associated:

Sert, Jackson and Associates, Inc.

d. Years experience: With This Firm 24 With Other Firms 20

e. Education: Degree(s) / Year / Specialization

Ph.B., University of Chicago, 1934
B. Arch., Harvard University, 1938
M. Arch., Harvard University, 1939

f. Active Registration: Year First Registered/Discipline

Architecture: 1945 New York
Architecture: 1953 Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

As co-founder of Sert, Jackson and Associates, Mr. Jackson has had specific responsibility for the management of planning, urban design and architectural projects for housing, office buildings, transportation, and educational and cultural facilities. Major projects for which Mr. Jackson has been Principal-In-Charge include among others: New Town near Columbia, South Carolina; Holyoke Center for Harvard University, a multi-use complex; Harvard Science Center; South Station Redevelopment for Massport; Boston University development of the Charles River Campus; campus planning and design for Guelph University in Ontario; Museum of Maeght Foundation, France; Gallery and Plaza, Tampa, Florida; master planning for Saudi Arabian National Center for Science and Technology, Riyadh, Saudi Arabia.

a. Name & Title:

WILLIAM LINDEMULDER, Principal

b. Project Assignment:

Project Director

c. Name of Firm with which associated:

Sert, Jackson and Associates, Inc.

d. Years experience: With This Firm 18 With Other Firms 6

e. Education: Degree(s) / Years / Specialization

A.B., Harvard University, 1955
M. Arch., Harvard University, 1958
Delft Technical University, 1959, Town Planning

f. Active Registration: Year First Registered/Discipline

Architecture: 1962 Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Responsible for planning and design of the following major projects: Urban and infrastructure design for 50,000 population district of Haii Al-Deffi, Jubail, Saudi Arabia; Jeddah master plan, Jeddah, Saudi Arabia; Master Plan for the University of Indonesia, Jakarta, Indonesia; preliminary design for the Central Library and Medical School, University of Indonesia; Master Plan for Airlangga University, Surabaya, Indonesia; proposed master plan and schematic design for the University of Technology, Baghdad, Iraq and Salahaldeen University, Arbil, Iraq. Responsible for design and construction of Peabody Terrace Married Student Housing for Harvard University;1805 units of housing for Roosevelt Island, New York City and Yonkers, New York; Office Building at 44 Brattle Street, Cambridge, MA.

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg (41 CFR) 1-16.803

a. Name & Title:

JAMES B. HEROLD, Principal

b. Project Assignment:

Architect

c. Name of Firm with which associated:

Sert, Jackson and Associates, Inc.

d. Years experience: With This Firm 15 With Other Firms 2

e. Education: Degree(s) / Year / Specialization

A.B., Princeton University, 1963
M. Arch., Harvard University, 1966

f. Active Registration: Year First Registered/Discipline

Architecture: 1972 Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Responsible for planning and design of the following major projects: Saudi Arabian National Center for Science and Technology; Riyadh, Saudi Arabia; student dormitory for the Massachusetts Institute of Technology, Cambridge, MA; commercial and office building center for Harvard Square, Cambridge, MA; design and construction documentation for the Science Center Complex for Harvard University, Cambridge, MA and LaJunquera Hotel, Autopistos, Barcelona, Spain; The Research Energy Laboratory for Princeton University, Princeton, N.J., and King Abdul Aziz University (proposed), Jeddah, Saudi Arabia.

a. Name & Title:

HUGH PHILLIPS, Associate

b. Project Assignment:

Architect

c. Name of Firm with which associated:

Sert, Jackson and Associates, Inc.

d. Years experience: With This Firm 12 With Other Firms 2

e. Education: Degree(s) / Years / Specialization

B. Arch., Georgia Institute of Technology, 1966

f. Active Registration: Year First Registered/Discipline

Architecture: 1973 Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Architect/planner for master plans for the University of Indonesia, Jakarta, Indonesia; Airlangga University, Surabaya, Indonesia; University of Technology (proposed) Baghdad, Iraq; Salahaldeen University (proposed), Arbil, Iraq; architect/designer for the Central Library and Medical School of the University of Indonesia, and the Saudi Arabian National Center for Science and Technology, Riyadh, Saudi Arabia; detailed building programmer for the faculties of medicine and public health of the University of Indonesia; site architect for 1400 housing units at Roosevelt Island, New York, N.Y.; project architect for design of laboratories and laboratory equipment for the Science Center, Harvard University.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

William J. LeMessurier, PE
Chairman of the Board (Founder)

b. Project Assignment:

c. Name of Firm with which associated:

Sippican Consultants International, Inc.

d. Joined SCI in 1961 Years experience with other firms 10

e. Education: Degree(s)/Year/Specialization

Harvard College BA 1947
Harvard Graduate School of Design 1948 Architecture
M.I.T. MS 1953 Building Engineering

f. Active Registration: Year First Registered/Discipline

1956 Structural Engineering

g. Other Experience and Qualifications relevant to the proposed project:

Mr. LeMessurier is a leading authority in structural design, especially in the design of high-rise steel framed structures. He conceived a tuned mass damper system to reduce wind-induced motion in tall buildings, developed and successfully applied in the design of a new structure and installed in an existing building. Memberships include Specification Advisory Committee of American Institute of Steel Construction (since 1961), American Society of Civil Engineers, Boston Society of Civil Engineers, Boston Association of Structural Engineers (past President), American Concrete Institute, Advisory Board to Division of Construction of Veterans Administration, National Committee on Housing Technology, Structural Clay Products Institute Building Code Committee, Tau Beta Pi and Task Committee Member Building Seismic Safety Council. In the spring of 1978, he was elected to the National Academy of Engineering.

a. Name & Title:

Hans W. Hagen, PE
Partner

b. Project Assignment:

c. Name of Firm with which associated:

Sippican Consultants International, Inc.

d. Joined SCI in 1961 Years experience with other firms 0

e. Education: Degree(s)/Year/Specialization

Lafayette College BS 1960 Civil Engineering
Massachusetts Institute of Technology MS 1961
Civil Engineering

f. Active Registration: Year First Registered/Discipline

1970 Structural Engineering

g. Other Experience and Qualifications relevant to the proposed project:

As Partner in charge of structural engineering projects, Mr. Hagen has been involved in the design and project management of schools, office buildings, libraries, zoos, exhibition, athletic and transportation facilities. He has served as a Resident Engineer and is active in structural investigations, renovations, and remodeling. Mr. Hagen is a member of the American Concrete Institute, American Society of Civil Engineers, National Society of Professional Engineers, and the Boston Association of Structural Engineers. He is past Chairman of the Committee on Structural Loads of the Massachusetts State Building Code Commission.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Edward J. McAlarney, PE Vice President and Principal	a. Name & Title: Albert P. Prior, PE Vice President
b. Project Assignment: Chief Mechanical Engineer	b. Project Assignment: Chief Electrical Engineer
c. Name of Firm with which associated: Sippican Consultants International, Inc.	c. Name of Firm with which associated: Sippican Consultants International, Inc.
d. Joined SCI in 1963 Years experience with other firms 12	d. Joined SCI in 1963 Years experience with other firms 13
e. Education: Degree(s)/Year/Specialization Lincoln Institute, Northeastern University 1952-1954 Mechanical Engineering Lowell Institute, M.I.T. 1954-1957	e. Education: Degree(s)/Year/Specialization Coyne Electrical School Northeastern University AEE 1960 Electrical Engineering
f. Active Registration: Year First Registered/Discipline 1971 HVAC	f. Active Registration: Year First Registered/Discipline 1970 Professional Engineering
g. Other Experience and Qualifications relevant to the proposed project: Mr. McAlarney directs mechanical and electrical work for the firm. He has expertise in field operations, construction supervision, and support. As a project director, he has exercised full responsibility for large projects including conceptual design, contract document production, cost control, client relations, and system start-up. Mr. McAlarney's memberships include the National Society of Professional Engineers, the International District Heating Association, the American Society of Heating, Refrigerating and Air Conditioning Engineers, the Massachusetts Society of Professional Engineers, and the American Institute of Engineers. He serves on the Massachusetts Registration Board of Professional Engineers and Land Surveyors.	g. Other Experience and Qualifications relevant to the proposed project: As Department Manager of Electrical Engineering, Mr. Prior supervises all electrical design work. His experience includes the electrical engineering design for ramp lighting at Logan Airport's Southwest Terminal and for numerous commercial and parking garage facilities. His professional memberships include the National Society of Professional Engineers, the Institute of Electrical and Electronics Engineers, and the Illuminating Engineering Society. Before he joined SCI, Mr. Prior was Chief Electrical Engineer for Cabot, Cabot and Forbes.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Robert A. Lacourse, PE Vice President	a. Name & Title:
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated: Sippican Consultants International, Inc.	c. Name of Firm with which associated:
d. Joined SCI in 1977 Years experience with other firms 10	d. Years experience: With This Firm ___ With Other Firms ___
e. Education: Degree(s)/Year/Specialization Southeastern Massachusetts University BS 1970 Civil Engineering	e. Education: Degree(s) / Years / Specialization
f. Active Registration: Year First Registered/Discipline 1976 Civil Engineering	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Mr. Lacourse has directed the design and preparation of construction documents for civil engineering projects which include shopping centers, housing developments, roadways, recreation facilities, utility systems, sewage treatment and solid waste disposal facilities. As Engineer-in-Charge, he was involved in the civil engineering work for a $15,000,000 railroad improvement program for Amtrak. Mr, Lacourse is a member of the Water Pollution Control Federation.	g. Other Experience and Qualifications relevant to the proposed project:

SERT, JACKSON AND ASSOCIATES, INC.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Office Building/Shops/ Restaurants Cambridge, MA	Architecture	Louis DiGiovanni 50 Church Street Cambridge, MA	1981	4,000	4,000
(2) Village at Brookline Village Brookline, MA	Architecture	Sidney-Winn Development Corporation Boston, MA	1977	8,000	8,000
(3) Urban Design & Site Planning Jubail, Saudi Arabia	Master Planning Review & Urban Design, Landscaping	Royal Commission for Jubail & Yanbu Riyadh, Saudi Arabia	1984	5,700 (fee)	NA
(4) Planning for Jeddah Jeddah, Saudi Arabia	Master Planning	Ministry of Rural & Municipal Affairs Riyadh, Saudi Arabia	1982	350 (fee)	NA
(5) Hotel, Restaurant & Tourist Services La Junquera, Spain	Architecture	Autopistas, Concesionaria Espanola, SA Barcelona 6, Spain	1981	3,500	3,500
(6) Saudi Arabian National Center for Science & Technology, Riyadh, S.A.	Master Planning & Urban Design	SANCST P.O. Box 6086 Riyadh, Saudi Arabia	1982	730 (fee)	NA
(7)					
(8)					
(9)					
(10)					

8 Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

MARINE STRUCTURAL EXPERIENCE

a Project Name & Location	b Nature of Firm's Responsibility	c Owner's Name & Address	d Completion Date (actual or estimated)	e Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Intercontinental Hotel Abu Dhabi United Arab Emirates	Structural engineering and design of 750 room hotel with marina	United Arab Emirates	1980	125,000	125,000
(2) New England Aquarium Boston, MA	Structrual, mechanical, electrical and civil engineering and design	New England Aquarium Assoc. Boston, MA	1972	4,000	4,000
(3) Fireman's Training Center including 300 foot fire-boat wharf, NYC, N.Y.	Structrual, mechanical, electrical and civil engineering and design	City of New York New York City, N.Y.	1976	9,000	9,000
(4) Boston Wharf Project for Childrens Museum & Musuem of Transportation Boston, MA	Structural & civil engineering studies and designs	Children's Museum Boston, MA	1975	15,000	15,000
(5) Pier Investigations Baltimore, MD	Structural investivations and feasibility studies	City of Baltimore Baltimore, MD	1976	12.5 (fee)	
(6) Condition Study for Wharfs, S. Street Seaport Museum New York City, N.Y.	Structural and civil studies	City of New York, S. St. Seaport Project Office New York City, N.Y.	1976	50 (fee)	
(7) Goat Island Sheraton Hotel Newport, R.I.	Structural, mechanical and electrical engineering & design	Sheraton Corporation Boston, MA	1971	18,000	18,000
(8) Lewis Wharf Renovations Boston, MA	Structural and civil engineering studies and design	S. Timothy Anderson Assoc. Boston, MA	1971	1,000	1,000
(9) Baltimore Aquarium Baltimore, MD	Structural, mechanical electrical and civil engineering & design	City of Baltimore Baltimore, MD	1980	14,000	14,000
(10) Commercial Wharf, West Boston, MA	Structural and civil engineering and design services	Red Moscow-Blue Water Realty Boston, MA	1974	1,000	1,000

SERT, JACKSON AND ASSOCIATES, INC.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
None					

9. **All work by firms or Joint Venture members currently being performed directly for Federal agencies.**

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
King Khalid Military City Wadi Al Batin Saudi Arabia	Master Plan, Structural, Civil-Site, Mechanical and Electrical Engineering Design Services	U.S. Army Corps of Engineers Middle East Division (Rear) P.O. Box 2250 Winchester, VA 22601	99% designed	7,600,000	7,600,000
Fort Devens Signal Training Area Ayer, Massachusetts 01433	Structural, Civil-Site, Mechanical and Electrical Engineering Design Services, including Utilities and Security Design	U.S. Army Corps of Engineers New York District New York, NY 10278	90% designed	3,000	3,000
Over The Horizon Dormitories and Vehicle Maintenance Facilities Moscow and Columbia, Maine	Structural, Civil-Site, Mechanical and Electrical Engineering Design Services	U.S. Army Corps of Engineers New York District New York, NY 10278	30% designed	3,060	3,060

Representative Marine Structural Experience

Harbor Square Condominiums
Camden, Maine
Estimated Project Cost: $2,000,000
Estimated Completion: 1982

National Aquarium
Baltimore, Maryland
Project Cost: $16,000,000
Completion: 1981

Intercontinental Hotel and Marina
Abu Dhabi, United Arab Emirates
Estimated Project Cost: $125,000,000
Estimated Completion: 1981

Fireman's Training Center 300-Foot Fireboat Wharf
New York, New York
Project Cost: $9,000,000
Completion: 1976

Pier Investigations
Baltimore, Maryland
Project Cost N/A
Completion: 1976

Condition Study for Wharfs, South Street Seaport Museum
New York, New York
Project Cost N/A
Completion: 1976

Boston Wharf Project for Children's Museum and Museum of Transportation
Boston, Massachusetts
Project Cost: $15,000,000
Completion: 1975

Commercial Wharf West
Boston, Massachusetts
Project Cost: $1,000,000
Completion: 1974

Renovation and Salt Water System - Cultured Clam Processing and Hatchery Plant
Dennis, Massachusetts
Project Cost N/A
Completion: 1973

Representative Marine Structural Experience

New England Aquarium
Boston, Massachusetts
Project Cost: $4,000,000
Completion: 1972

Steamship Authority Terminal Renovation
Woods Hole, Massachusetts
Project Cost: $200,000
Completion: 1972

Lewis Wharf Renovations
Boston, Massachusetts
Project Cost: $1,000,000
Completion: 1971

Goat Island Sheraton Hotel
Newport, Rhode Island
Project Cost: $1,200,000
Completion: 1971

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

Sert, Jackson and Associates, Inc. has had extensive experience in the areas of master and development planning for both public and private clients. Current work includes, under a 5-year contract, master planning for the port city of Jeddah, Saudi Arabia, where work in all phases of planning was required from socio-economic data gathering, base map preparation and traffic analysis through programming community facilities, preparing detailed land use and infrastructure maps, and developing preliminary cost estimates. A separate study was undertaken in 1982 to develop a program, cost estimates and urban design studies for the old Jeddah airport site. Other planning work overseas has been done for Bechtel and the Royal Commission in Jubail and for the Saudi Arabian Center for Science and Technology. The Jubail project required urban design studies for a population of 50,000 persons and subdivision mapping and complete infrastructure construction documents. The Center for Science and Technology had a complex program which required urban design studies and conceptual engineering sufficient to develop design packages for housing, offices, commercial and community facilities, research laboratories, warehouses, a science museum, and a conference center.

Earlier major planning and design work has been undertaken for clients such as Harvard and Boston Universities, the New York Roosevelt Island Development Corporation, the Mass Port Authority (South Station), the Worcester Redevelopment Authority (Worcester Center), and the Brookline Redevelopment Authority (Marsh Area Air Rights Housing).

W. Lindemulder, who has had an active role in many of these projects, would serve as project director. He has been principal-in-charge and project director in Jeddah, directed urban design work for the Old Jeddah airport and the Jubail Industrial City and was project manager for Roosevelt Island, Harvard's Peabody Terace, and Brookline's Marsh Area Housing projects.

11. The foregoing is a statement of facts.

William Lindemulder

Date:
15 December 1982

JOHN SHARRATT ASSOCIATES INC.
121 MT. VERNON STREET BOSTON MASSACHUSETTS TEL. 227-0094

December 15, 1982

Robert J. Ryan, Director
Boston Redevelopment Authority
One City Hall Square
Boston, MA 02201

Attn: Gary Brown, Room 942

Dear Mr. Ryan:

John Sharratt Associates, Inc. (JSA) would like to express its interest in providing master planning services for the East Boston Harborside Project. JSA, a small architectural and planning firm located on Beacon Hill, has been responsible for the planning of several large scale developments over its years of operation. The firm has a complete staff of experienced landscape and design professionals as well as a backup team of consulting engineers to assist whenever necessary. Our office is situated near both the subject site and City Hall, thus facilitating project coordination.

JSA has worked successfully with the Redevelopment Authority in the past and has exhibited a high level of skill in the planning of residential and multi-use projects. The firm is well known for its work in the Villa Victoria, Mission Park, and Madison Park developments, and distinguished for its sensitivity to community needs as well as its ability to structure practical solutions and viable projects.

The restoration and reuse of Mercantile Wharf Building was designed by JSA to respect and enhance the quality of the surrounding waterfront area. The firm has received several design awards in recognition of its work on this highly significant building. Our recent completion of the Charles Street Meeting House which contains office, retail, and residential space is another example of JSA's committment to the creation of cohesive developments which are well-suited to the surrounding area.

John Sharratt Associates is widely recognized for its effective interaction with user groups, community representatives, and governing authorities, resulting in the production of designs which best suit the needs of all concerned. The firm has received numerous awards in recognition of its design excellence and enjoys a successful project management record.

The East Boston Harborside Project promises to be an exciting and important effort for the City and JSA would very much like to be a part of it. Our firm is dedicated to the revitalization of Boston's neighborhoods and stands ready to contribute its technical expertise to this end. We believe that our participation would help to make the Harborshide development function as an asset to the City of Boston that at the same time responds to the needs of the local community and complements the surrounding area.

JOHN SHARRATT ASSOCIATES INC.

Enclosed are GSA Standard Forms 254 and 255, as well as a current brochure detailing JSA's background and design accomplishments. We hope you will review this material carefully and contact us with any questions you might have. Thank you for your consideration.

Respectfully,

John A. Sharratt, AIA

255
Architect-Engineer Related Services for Specific Project

EAST BOSTON HARBORSIDE PROJECT - Master Planning Consulting Services
BOSTON, MA

Commerce Daily Announcement Date, if any:

Number, if any:

3. Firm (or Joint-Venture) Name & Address

John Sharratt Associates, Inc.
121 Mt. Vernon St.
Boston, MA 02108

3a. Name, Title & Telephone Number of Principal to Contact

John A. Sharratt, President
(617) 227-0094

3b. Address of office to perform work, if different from Item 3

. Personnel by Discipline:

1 Administrative	___ Electrical Engineers	___ Oceanographers	___
3 Architects	1 Estimators	1 Planners: Urban/Regional	___
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	___
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	___ Interior Designers	___ Specification Writers	___
3 Draftsmen	1 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	___ Transportation Engineers	11 Total Personnel

If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: ttach SF 254 for each if not on file with Procuring Office.)

Has this Joint-Venture previously worked together? ☐ yes ☐ no

Name & Address	Specialty	Worked with Prime before (Yes or No)
Sippican Consultants International, Inc. 1033 Massachusetts Avenue Cambridge, MA 02238	Electrical, mechanical, structural, civil and all other types of engineering	No

a. Name & Title:
John A. Sharratt (AIA), President

b. Project Assignment:
Design Architect

c. Name of Firm with which associated:
John Sharratt Associates, Inc.

d. Years experience: With This Firm 16 With Other Firms 5

e. Education: Degree(s) / Year / Specialization
Master of Architecure, 1963
Cornell University, Ithaca, NY

f. Active Registration: Year First Registered/Discipline
National Council of Architectural
Registration Boards, 1967

g. Other Experience and Qualifications relevant to the proposed project:
ohn Sharratt has had over fifteen years of professional lanning experience. He has worked closely with several eighborhood groups in Boston to assist them in the esign of housing and community buildings to meet their eeds and specifications, as well as those set forth by arious governing authorities. He has also worked closely ith the City of Baltimore in master planning and building three communities in that city, and with the City of oston in master planning four communities in Boston. his experience, in addition to his housing and other rchitectural designs, have made him one of the most spected Architects and Planners in the field.

a. Name & Title:
Robert H. Egan, Vice President

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
John Sharratt Associates, Inc.

d. Years experience: With This Firm 12 With Other Firms 12

e. Education: Degree(s) / Years / Specialization
B.A. Architectural Science, 1955
Harvard University, Cambridge, MA

f. Active Registration: Year First Registered/Discipline
Massachusetts Architectural Registration, 1973

g. Other Experience and Qualifications relevant to the proposed project:
Robert Egan has directed the preparation of construction documents and managed the building process of over 3,000 units of housing, in more than seven community planning developments in the United States, as well as other single-building projects. He is thoroughly familiar with all applicable regulatory codes and professional standards of quality. Mr. Egan is responsible for time and cost control and has proven his effectiveness time and again. He is well aware of the special problems associated with maintaining design integrity while performing within functional and regulatory constraints.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands) Entire Project	Work for which Firm was/is responsible
ack of the Hill Housing oston, MA	Architectural Design and Supervision	Back of the Hill Community Development Corporation Boston, MA	1981	4,839	4,839
harles Street Meeting House oston, MA	Architectural Design and Supervision	Charles Street Meeting House Associates Boston, MA	1982	1,000	1,000
adison Park Housing oston, MA	Architectural Design and Supervision	Lower Roxbury Development Corporation Boston, MA	1983E	17,824	17,824
ission Park Housing oston, MA	Architectural Design and Supervision	Mission Park Corporation Boston, MA	1980	38,000	38,000
ercantile Wharf oston, MA	Architectural Design and Supervision	Mercantile Associates Braintree, MA	1976	4,645	4,645
xford Street Housing oston, MA	Architectural Design and Supervision	Chinese Economic Development Council Boston, MA	1983E	2,000	2,000
ockingham Canal House ellows Falls, VT	Architectural Design and Supervision	Rockingham Canal House Associates Cambridge, MA	1982	1,700	1,700
TH Housing oston, MA	Architectural Design and Supervision	RHC & Associates Boston, MA	1983E	5,401	5,401
arney School Apartments nchester, NH	Architectural Design and Supervision	Varney School Associates Braintree, MA	1983E	2,804	2,804
lla Victoria Housing ston, MA	Architectural Design and Supervision	Victoria Associates Boston, MA	1983E	20,542	20,542

All work by firm or Joint Venture members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible

John Sharratt Associates, Inc., a Massachusetts small business, currently has no Federal contracts.

John Sharratt Associates, Inc. is a small business located in Boston. The firm has had extensive experience in the planning of community housing developments which have included administrative and support facilities. JSA is well known for its achivements in this area, and has successfully worked with the City in the past. The firm has also demonstrated its ability to structure viable multi-use projects.

JSA has received numerous awards in recognition of its design excellence and enjoys a sound project managment record. The firm is known for its ability to coordinate communication between community and governmental groups in order develop projects which best suit the needs of all concerned and enhance the quality of the surrounding neighborhood.

Sippican Consultants International, Inc. , our proposed engineering consultant is a wll-known engineering design firm with large resources and vast experience in all engineering disciplines. SCI has worked as both prime designer and consultant for many different projects and has the technical ability, expert personell, and support equipment to meet any requirements of planning design.

The foregoing is a statement of facts.

Signature: John A. Sharratt

Typed Name and Title: John A. Sharratt, President

Date: December 14, 1982

SHEPLEY BULFINCH RICHARDSON AND ABBOTT
ARCHITECTS
40 BROAD STREET BOSTON MASSACHUSETTS 02109 617-423-1700

JAMES FORD CLAPP, JR.
JEAN PAUL CARLHIAN
HUGH SHEPLEY
OTIS B. ROBINSON
GEORGE R. MATHEY
LLOYD PHELPS ACTON
LEO O. McEACHERN
RICHARD M. POTTER
W. MASON SMITH, III
W. S. MALLORY LASH
PAUL SUN
GEOFFREY T. FREEMAN

SHERMAN MORSS

PAUL E. BELL, JR.
PENELOPE P. BEYE
DANIEL J. COOLIDGE
JAMES A. DENIKE
OLIVER W. EGLESTON
ELIZABETH ERICSON
ROBERT T. HOLLORAN
ROBERT J. HUNTRESS
LORREL B. NICHOLS
ARVIDS A. SPIGULIS
WILLIAM R. SPILMAN
ROBERT A. TACCONI
RICHARD C. TOUSLEY
GERRIT W. ZWART

INCORPORATED 1972

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
City Hall Square
Boston, MA 02201

Re: East Boston Harborplace

Dear Mr. Ryan:

We are very pleased to submit for your consideration our qualifications for master planning consultant services in connection with the above most exciting project.

The yet virtually unspoiled East Boston skyline represents an unusual, provocative challenge and a unique opportunity to continue the restoration of Boston's place among the great harbors and transportation centers from Rio to Hong Kong while at the same time respecting and enhancing the aspirations and desires of the local community.

Alexandria's Light House, Rhodes's Colossus, Constantinople's Santa Sophia, New York's Statue of Liberty, Stockholm's City Hall and Sidney's Opera House are examples of the indelible impact an architectural and planning statement can make upon visitors arriving by sea or air.

Here, in East Boston, there is the same opportunity to create a similar impact but in a considerably less monumental and more human-scaled fashion. Here too there lies an advantage which is not as present as in these examples: whatever is eventually implemented can be seen by citizens and visitors from the heart of the City of Boston instead of only from the sea or air.

Such a truly unique combination is an opportunity to improve the quality of life and environment of East Boston and the city as a whole which must be seized boldly, firmly, creatively, sensitively and realistically.

Our collective experience combining creativity, longevity, sensitivity to and experience with citizen groups, ability to deal with a project of this magnitude and reputation for providing responsible and thoughtful design service will, we believe, stand the City of Boston in good stead.

We are anxious to participate in the project and very much hope that we will be given this marvelous opportunity to do so.

Sincerely yours,

SHEPLEY BULFINCH RICHARDSON AND ABBOTT

George R. Mathey

George R. Mathey, President

GRM:jw

STANDARD FORM (SF) 255

Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harborside
Boston, Massachusetts

Daily Announcement Date, if any:

Number, if any:

3. Firm (or Joint-Venture) Name & Address

Shepley Bulfinch Richardson and Abbott, Inc.
40 Broad Street
Boston, Massachusetts 02109

3a. Name, Title & Telephone Number of Principal to Contact

George R. Mathey, President (617) 423-1700

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline (All Firms)

75 Administrative	13 Electrical Engineers	1 Oceanographers	11 Technicians
60 Architects	2 Estimators	14 Planners: Urban/Regional	2 Environ. Resource Spec.
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	8 Real Estate Analysts
7 Civil Engineers	___ Hydrologists	___ Soils Engineers	10 Financial Analysts
1 Construction Inspectors	3 Interior Designers	2 Specification Writers	6 Acousticians/Physists
40 Draftsmen	8 Landscape Architects	2 Structural Engineers	2 Industrial
2 Ecologists	41 Mechanical Engineers	___ Surveyors	1 Air Quality Engineer
18 Economists	___ Mining Engineers	7 Transportation Engineers	336 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

6. Outside ... Consultants/Associates Anticipated for this Project (Attach SF 254 ... Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Paul C. K. Lu and Associates 24 Trapelo Road Belmont, Massachusetts 02178	Landscape Architecture, Urban Design, Planning	Yes
Tippetts-Abbett-McCarthy-Stratten 211 Congress Street Boston, Massachusetts 02110	Transportation, Engineering Feasibility	No
3) Economics Research Associates 334 Boylston Street Boston, Massachusetts 02116	Financial and Marketing Feasibility	No
4) Bolt Beranek and Newman, Inc. 10 Moulton Street Cambridge, Massachusetts	Environmental Analysis and Acoustics	Yes
5)		
6)		
7)		
8)		

a. Name & Title:

George R. Mathey, President

b. Project Assignment:

Project Director

c. Name of Firm with which associated:

Shepley Bulfinch Richardson and Abbott, Inc.

Years experience: With This Firm 24 With Other Firms 1

e. Education: Degree(s) / Year / Specialization

Harvard College/A.B./1951
Harvard University/M.Arch./1955

Active Registration: Year First Registered/Discipline

Architecture/Massachusetts/1960 /N.C.A.R.B.

Other Experience and Qualifications relevant to the proposed project:

As President of SBRA, Mr. Mathey is actively involved in the design and production of all the firm's projects. As Project Architect, Mr. Mathey was involved in the Master Plan for the Squaw Valley Ski Resort in Olympic Valley, California and a feasibility study for the City of Los Angeles, California for a new Civic Auditorium and Music Center. As Project Director, Mr. Mathey has served on a number of projects including several for New England Telephone, Boston; a cultural resources inventory of the City of Lowell, MA for the National Park Service; a master plan for the expansion of Capitol Hospital in Beijing (Peking), China; and several college and university library projects: Franklin and Marshall College in Lancaster, PA, Colby College in Waterville, ME, and Bowdoin College, Brunswick, Me.

a. Name & Title:

Jean Paul Carlhian, Vice President

b. Project Assignment:

Project Designer

c. Name of Firm with which associated:

Shepley Bulfinch Richardson and Abbott, Inc.

d. Years experience: With This Firm 32 With Other Firms 11

e. Education: Degree(s) / Years / Specialization

University of Paris, Bachelier-es-Lettres/1936; Ecoles des Beaux Arts, Architect Diplome par le Gouvernment/1948; Harvard G.S.D., Master in City Planning/1947

f. Active Registration: Year First Registered/Discipline

Architecture/Massachusetts/1956/N.C.A.R.B.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Carlhian has served as SBRA's Director of Design providing suggestions and critiques of most of the firm's projects. Mr. Carlhian's major design efforts include the renovation and expansion of Main Hall at Vassar College which received an Honor Award from the AIA. He was Design Coordinator for the renovation of the Old Post Office and the Federal Triangle as part of teams chosen as one of the three finalists in the two GAS Level III competitions. He was the Principal-in-Charge of the feasibility study for the City of Los Angeles, California new Civic Auditorium and Music Center. Currently, Mr. Carlhian is the Project Designer for the South Quadrangle Development for the Smithsonian Institution in Washington. He has served as a member of the Back Bay, Boston Architectural Commmission and on the Boston Landmarks Commission.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Oliver W. Egleston, Associate

b. Project Assignment:

Project Architect

c. Name of Firm with which associated:

Shepley Bulfinch Richardson and Abbott, Inc.

d. Years experience: With This Firm 5 With Other Firms 9

e. Education: Degree(s) / Year / Specialization

B.A./Harvard University/1964
M.Arch./University of Pennsylvania/1968

f. Active Registration: Year First Registered/Discipline

Architecture/Massachusetts/1972

g. Other Experience and Qualifications relevant to the proposed project:

Since joining SBRA in 1977, Mr. Egleston has served as Project Architect on a number of the firm's projects including the Occupational Resource Center, a $22,500,000 vocational facility for the City of Boston. He is currently serving as Project Architect on the new laboratory facility at the Woods Hole Oceanographic Institute. Other projects in which Mr. Egleston has served as Job Captain include major additions and laterations to Brockton Hospital, Brockton, MA; Harvard University's Herbaria Laboratory Building in Cambridge, MA: for New England Telephone's alterations to the Brockton, MA Equipment Building and the Framingham, MA Equipment Building. Mr. Egleston has also served on the project team for a $26,500,000 project at McLean Hospital in Belmont, MA involving patient facilities, new dietary facility and library/auditorium.

a. Name & Title:

Paul C. K. Lu, Principal

b. Project Assignment:

Project Director for Landscape Architecture, Urban Design and Planning

c. Name of Firm with which associated:

Paul C. K. Lu and Associates

d. Years experience: With This Firm 12 With Other Firms 15

e. Education: Degree(s) / Years / Specialization

Harvard University/M.L.A./1967/Land.Arch. and Plannin
Kansas St. Univ/M.Arch./1962 & B.Arch/1958
Chung-King Univ./B.S./Arch. Engineering/1954

f. Active Registration: Year First Registered/Discipline

Architecture/1970
Landscape Architecture/1968; N.C.A.R.B.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Lu has broad experience in the areas of master planning, architectural design and landscape design for major community and recreational development projects, commercial, industrial and instutitional projects. He served as Principal-in-Charge of a 10-acre urban park in Lowell, MA; the Itek Corporation master plan and headquarters in Lexington, MA; a master plan for Digital Equipment Corporation laboratory complex in Hudson, MA master plan for La Romana Industrial Free Zone, Dominican Republic. Mr. Lu was Project Director and Manager, Planning and Design Coordinator for The Hammocks, a 1100-acre new community, and Kendale Gable, a 640-acre new community, both in Dade County, FL; McLean Gardens, a PUD office, retain and housing complex in Washington, DC; and a master plan for Wayne State University in New Orleans, LA. Mr. Mu is a recipient of international and national design awards.

a. Name & Title:
Raymond A. Vincent, AICP

b. Project Assignment:
Project Planner - Urban Design

c. Name of Firm with which associated:
Paul C. K. Lu and Associates

d. Years experience: With This Firm 8 With Other Firms 15

e. Education: Degree(s) / Year / Specialization
Harvard Univ/M. City Planning/1967
Catholic Univ/B.Arch./1963
Baghada College/Dipolma (Baghdad, Iraq)

f. Active Registration: Year First Registered/Discipline
Certified Planner - 1975

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Vincent recently prepared the National Study of Expatriate Housing Needs in Bahrain; he completed the master plan for a residential community for 68,000 inhabitants, including transportation and all related community facilities in Kuwait. He served as Urban Designer-in-Charge of a new community for 373,000 inhabitants, including housing, community facilities, transportation and development policy in Jubail, Saudi Arabia. He has wide experience in all aspects of urban design and planning; master, comprehensive, social, economic and transportation; environmental impact and land use studies; fiscal, neighborhood and cost/benefit analysis; zoning and new towns. He was responsible for planning, design and coordination of several large-scale projects in the Middle East and in Cambridge, MA and the greater Washington, D.C. area.

a. Name & Title:
David H. Szlag, ASLA

b. Project Assignment:
Landscape Architect
Construction Documents and Field Supervision

c. Name of Firm with which associated:
Paul C. K. Lu and Associates

d. Years experience: With This Firm 3 With Other Firms 7

e. Education: Degree(s) / Years / Specialization
Harvard Univ./MLA/1976
Mich. State Univ./BS/1970

f. Active Registration: Year First Registered/Discipline
Landscape Architecture/1978/CLARB

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Szlag's specialization is in final design, contract documents, project coordination and field supervision. His work in landscape architecture includes planning and design of urban renewal and beautification projects, local and regional parks, cemetery and golf course development, housing and individual residence planning, airfield landscape, and design and planning for corporate headquarters, industrial and commercial sites. He was recently head of discipline and site design coordinator for the 12,000 drawing project, King Khalid Military City, Saudi Arabia. His responsibilities included supervision of landscape department, coordination with US Army COE and coordination of civil, structural, electrical and plumbing disciplines with respect to site design implementation.

7. Brief Resumes of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:	a. Name & Title:
Austin E. Brant, Jr., Partner	Robert T. Tierney, New England Regional Manager
b. Project Assignment: Project Director for Transportation/Engineering Feasibility	b. Project Assignment: Project Management & Foundation Engineering
c. Name of Firm with which associated: Tippetts-Abbett-McCarthy-Stratton	c. Name of Firm with which associated: Tippetts-Abbett-McCarthy-Stratton
d. Years experience: With This Firm 30 With Other Firms —	d. Years experience: With This Firm 1 With Other Firms 31
e. Education: Degree(s) / Year / Specialization BCE/1951/Civil Engineering MS/1951/Civil Engineering	e. Education: Degree(s) / Years / Specialization BSCE/1949/Civil Engineering Additional course work in soil mechanics (1965) and construction management (1979)
f. Active Registration: Year First Registered/Discipline P.E./1956/Civil Engineering	f. Active Registration: Year First Registered/Discipline P.E./1960 Civil Engineering
g. Other Experience and Qualifications relevant to the proposed project: Partner-in-Charge of firm's planning studies for waterways, marine transportation, port and harbor facilities, pipeline slurry lines, bulk handling and storage facilities, and transportation systems. Partner-in-Charge of a number of projects for various divisions of NAVFACENGCOM including the Revision and Updating of U.S. Navy Design Manual 25 "Waterfronts Operational Facilities" - Chapters 1 & 2, the Atlantic Fleets' Weapons Training Range Study (Culebra Study), the Vieques Island Weapons Training Range Environmental Study; Explosives Handling Wharf No. 2, and a Logistics Support Analysis for the Waterfront and Missile Support Area for O.I.C.C.-Trident, Bangor, Washington. Mr. Brant has been responsible for development plans at more than 20 ports in the U.S. and other countries and has provided overall supervision for the design of harbor and marine terminals in Anchorage, Alaska; Seattle, Washington; Tacoma, Washington; Puerto Cortes, Honduras; Rouseau, Dominica; Batangas, Philippines; and others.	g. Other Experience and Qualifications relevant to the proposed project: Formerly Chief Engineer, Massachusetts Department of Public Works: responsible for research, maintenance, engineering, construction and right-of-way divisions; annual budget of $ 70,000,000 in operating funds, $ 180,000,000 in capital funds. Soils and Foundation Engineer, Mass. Department of Public Works- 1965-1968. Assistant Administrator of the Boston Housing Authorit Boston, Massachusetts: supervision of the modernizati and development programs for 17,000 unit public housin authority; responsible for design, construction and rehabilitation of family and elderly development with a $25,000,000 annual capital program. Registered as a professional engineer and land surveyor in Massachuset: Fellow of the ASCE. Member of the BSCE and APWA.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Irving Greenzang, Associate and Head, Ports and Harbors Department	a. Name & Title: Maurice Kravitz, Project Engineer
b. Project Assignment: Waterfront Facilities Engineering	b. Project Assignment: Marine Structures
c. Name of Firm with which associated: Tippetts-Abbett-McCarthy-Stratton	c. Name of Firm with which associated: Tippetts-Abbett-McCarthy-Stratton
d. Years experience: With This Firm 34 With Other Firms 2	d. Years experience: With This Firm 20 With Other Firms 8
e. Education Degree(s) / Year / Specialization BSCE/1944/Civil Engineering MSCE/1949/Civil Engineering	e. Education: Degree(s) / Years / Specialization BSCE/1948/Civil Engineering
f. Active Registration: Year First Registered/Discipline P.E./1949/Civil Engineering	f. Active Registration: Year First Registered/Discipline P.E./1954/Civil Engineering
g. Other Experience and Qualifications relevant to the proposed project: Project Manager for the Updating and Revision of U.S. Navy Design Manual (DM-25) "Waterfront Operational Facilities." Responsible for port and harbor projects including container terminals, general cargo wharves, piers, off-shore moorings, marinas, fendering systems, breakwaters, shore protection works, buoy moorings, POL facilities and marinas. Project experience includes: Crude oil unloading facility and submarine pipeline for 300,000 dwt tankers serving the Caltex Batangas Refinery in the Philippines, Four-berth general cargo facility at Puerto Cortes, Honduras; Deep Water Port general cargo facility, Dominica, West Indies; Sub-marine pipelines and island wharf for the Filoil Refinery, Philippines; Site selection surveys for oil refineries proposed at Bahrain on the Persial Gulf, Batam Island, Indonesia and Northern Taiwan, all for Caltex Petroleum Corp. Crude oil sea berth for Kurnell Refinery at Botany Bay, Australia.	g. Other Experience and Qualifications relevant to the proposed project: Responsible for various sections of the updating and revision of U.S. Navy Design Manual (DM-25) "Waterfront Operational Facilities." Responsible for planning and design of port and harbor projects. Projects include Master Pla for Port of Manila, Philippines, King Resources Tanker Terminal, Portland, Maine; Expansion of Port Facilities, Puerto Cortes, Honduras; Tanjong Penuru Bunkering Termina Singapore; Coal out-loading Facilities, Coalcliff, Australia; Terminal for 300,000 dwt tankers, Bantangas, Philippines; Feasibility Study of canal across Kra Isthmus, Thailand; Master Plan for new Port Issers, Algeria; Long Island Sound Ferry Terminal Evaluation; Expansion of facilities at U.S. Naval Base, Subic Bay Philippines; Expansion of Facilities at U.S. Amphibious Base Little Creek Virginia, and of waterfront structures, bridges, and buildings for military installations in Thailand, Laos, and Cambodia.

7. Brief Resu... Key Persons, Specialists, and Individual Consultants Anticipate... this Project

a. Name & Title:
Gultekin Sultan, Senior Civil Engineer

b. Project Assignment:
Project Manager

c. Name of Firm with which associated:
Tippetts-Abbett-McCarthy-Stratton

d. Years experience: With This Firm 11 With Other Firms 9

e. Education: Degree(s) / Year / Specialization
Diploma (U.K.)/1959/Structural Engineering
M.C.P./1968/City Planning
M.S./1970/Transportation Engineering

f. Active Registration: Year First Registered/Discipline
P.E./1981/Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Responsible for the design of more than 30 civil engineering projects in Massachusetts, including roadway construction, drainage systems, utilities and highway lighting. Project Manager for reconstruction of Route 28 in Stoneham including design of off-street replacement parking lots. Project Manager for the reconstruction of Commonwealth Avenue which includes relocation of trolley tracks. In charge of design for Downtown Crossing Project in Boston.

a. Name & Title:
Georgy Bezkorovainy, Senior Traffic Engineer

b. Project Assignment:
Traffic Engineering/Parking Layout

c. Name of Firm with which associated:
Tippetts-Abbett-McCarthy-Stratton

d. Years experience: With This Firm 8 With Other Firms 8

e. Education: Degree(s) / Years / Specialization
BSCE/1972/Civil Engineering

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Project Manager -- System-wide MBTA bus stop sign fabrication and installation program in Massachusetts; preparation of final plans and specifications for a parking lot for the New England Telephone Company Project Engineer -- Responsible for the design of signs and pavement markings for the Jubail Community highways in Saudi Arabia. Final design of Boston's Downtown Crossing and New York City's Broadway Plaza auto-free zones and of numerous roadway reconstruction projects in Massachusetts; review of contract plans and specifications for traffic signals and Urban Systems Projects; monitoring, field inspection and preparation of final inspection reports for computerized traffic signals systems.

7. Brief Re[illegible] of Key Persons, Specialists, and Individual Consultants Anticipa[illegible]or this Project

a. Name & Title: Thomas J. Martin Vice President and Regional Manager	a. Name & Title: Marie H. Keutmann Senior Associate
b. Project Assignment: Project Director	b. Project Assignment: Project Manager
c. Name of Firm with which associated: Economics Research Associates	c. Name of Firm with which associated: Economics Research Associates
d. Years experience: With This Firm 11 With Other Firms 4	d. Years experience: With This Firm 4 With Other Firms 3
e. Education: Degree(s) / Year / Specialization MA University of Washington, City Planning, 1967 BA Southern Illinois University, 1964	e. Education: Degree(s) / Years / Specialization MBA Columbia University, 1972 BA Smith College, 1966
f. Active Registration: Year First Registered/Discipline N.A.	f. Active Registration: Year First Registered/Discipline N.A.
g. Other Experience and Qualifications relevant to the proposed project: Mr. Martin has had extensive experience in land use, urban development and public program development. This experience has involved responsibility for the economic components of urban renewal plans and economic development plans for various cities and private developers. Mr. Martin directed the analysis of the reuse potentials of the Boston Naval Shipyard and the South Boston Naval Annex. He has recently completed the economic analyses for the Near East Riverfront area in Detroit.	g. Other Experience and Qualifications relevant to the proposed project: Ms. Keutmann has had extensive experience in urban economic planning, waterfront development planning, and real estate feasibility studies. She directed the economic components of a revitalization plan for the historic waterfront district in South Norwalk, Connecticut. She is currently managing a project to develop a development plan for a 40 mile stretch of the Salt River in Phoenix.

a. Name & Title: Francis X. Mahady Vice President and Office Manager	a. Name & Title: Web Bingham Associate
b. Project Assignment:	b. Project Assignment: Research Analyst
c. Name of Firm with which associated: Economics Research Associates	c. Name of Firm with which associated: Economics Research Associates
d. Years experience: With This Firm 6 With Other Firms 6	d. Years experience: With This Firm 4 With Other Firms 3
e. Education: Degree(s) / Year / Specialization BA Harvard College, 1970 M.C.P., 1976, Transportation & Economic Development M.I.T.	e. Education: Degree(s) / Year / Specialization BA Urban Studies, Hobart College MCRP Urban and Regional Planning, Harvard University
f. Active Registration: Year First Registered/Discipline N.A.	f. Active Registration: Year First Registered/Discipline N.A.
g. Other Experience and Qualifications relevant to the proposed project: Mr. Mahady is an economist and planner with over 10 years experience in economic development planning. He served as principal investigator on the following ERA port-related projects: Port/Rail/Energy Transportation Planning Project, State of Connecticut; a General Cargo Port Development Strategy for the State of Maine; a Fisheries and Harbor Development Management Plan for Gloucester, Massachusetts; and port-related evaluations in Waldo County, Maine; Wilmington, Delaware; Memphis, Tennessee; and Beaumont, Texas.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Binghams specialty is in real estate investment consulting. He has worked for major private and public clients in areas of property management, project financial feasibility, mortgage finance, market analysis and appraisal analysis. Mr. Bingham has analyzed a full range of property types including major, mixed use, adaptive reuse, historic rehabilitation, office, retail, hospitals and special use sites. He is presently participating in a major real estate study for the Massachusetts Bay Transportation Authority. He also is assisting to plan joint public/private development of station areas for a rapid transit system under study in Houston, Texas.

a. Name & Title:
Francis X. Mahady
Vice President and Office Manager

b. Project Assignment:

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 6 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
BA Harvard College, 1970
M.C.P., 1976, Transportation & Economic Development
M.I.T.

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Mahady is an economist and planner with over 10 years experience in economic development planning. He served as principal investigator on the following ERA port-related projects: Port/Rail/Energy Transportation Planning Project, State of Connecticut; a General Cargo Port Development Strategy for the State of Maine; a Fisheries and Harbor Development Management Plan for Gloucester, Massachusetts; and port-related evaluations in Waldo County, Maine; Wilmington, Delaware; Memphis, Tennessee; and Beaumont, Texas.

a. Name & Title:
Web Bingham
Associate

b. Project Assignment:

Research Analyst

c. Name of Firm with which associated:
Economics Research Associates

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
BA Urban Studies, Hobart College
MCRP Urban and Regional Planning, Harvard University

f. Active Registration: Year First Registered/Discipline

N.A.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Binghams specialty is in real estate investment consulting. He has worked for major private and public clients in areas of property management, project financial feasibility, mortgage finance, market analysis and appraisal analysis. Mr. Bingham has analyzed a full range of property types including major, mixed use, adaptive reuse, historic rehabilitation, office, retail, hospitals and special use sites. He is presently participating in a major real estate study for the Massachusetts Bay Transportation Authority. He also is assisting to plan joint public/private development of station areas for a rapid transit system under study in Houston, Texas.

a. Name & Title:

Carl J. Rosenberg, Department Head

b. Project Assignment:

Senior Consultant, Architectural Acoustics and Noise Control

c. Name of Firm with which associated:

Bolt Beranek and Newman Inc.

d. Years experience: With This Firm 12 With Other Firms ___

e. Education: Degree(s) / Year / Specialization

B.A./Princeton University/1965
M.Arch./Massachusetts Institute of Technology/1971

f. Active Registration: Year First Registered/Discipline

Architecture/Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Rosenberg's experience includes consulting projects which encompass a wide variety of building types including hotels, schools, auditoriums, offices buildings and subway stations. Representative consulting projects include:

- Harvard University Science Center, Cambridge, MA
- Tallahassee-Leon County Civic Center and Arena
- Baltimore Convention Center, Baltimore, MD
- Richard B. Russell Federal Court and Office Building, Atlanta, GA
- AETNA Training Facility, Hartford, CT
- Site Noise Evaluation, Roosevelt Island, NY
- BOSTCO TRACK III Systems Design Manual: Acoustics City of Boston

a. Name & Title:

James A. Kane

b. Project Assignment:

Supervisory Consultant

c. Name of Firm with which associated:

Bolt Beranek and Newman, Inc.

d. Years experience: With This Firm 8 With Other Firms 7

e. Education: Degree(s) / Years / Specialization

Ph.D./Economics/University of Pittsburgh/1972
B.S./Economics/LeMoyne College/1965

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Dr. Kane is responsible for economic research and analysis at BBN. In this capacity, he plays a major role in assessing the economic and financial implications of technical analyses by BBN engineers and scientists. Dr. Kane is particularly experienced in the integration and management of economic and technical analyses in support of regulatory proceedings. Dr. Kane has extensive experience in airport/aircraft issues. He has examined the economic impact of Palm Beach International Airport where he estimated the impact of airport-related noise on neighboring property. Dr. Kane's experience and expertise in regulatory/legal affairs is evidenced by his role in numerous projects. Most recently, he was responsible for directing the technical and regulatory analyses in support of a forthcoming EPA noise regulation.

SHEPLEY BULFINCH RICHARDSON AND ABBOTT/PAUL C. K. LU ASSOCIATES/ TIPPETTS-ABBETT-McCARTHY-STRATTEN/BOLT BERANEK AND NEWMAN, INC.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands) Entire Project	Work for which Firm was/is responsible
The Pharos Hotel and New Yacht Club of Egypt Alexandria, Egypt	Feasibility Study A/E Services	The Yacht Club of Egypt Alexandria, Egypt	1985	$30,000	$30,000
Guangzhou International Finance Center Guangzhou, China	Master Plan/Feasibility Study	Provincial Government of Guangzhou, China	1987	$50,000	$50,000
South Quadrangle Development Washington, D.C.	A/E Services	Smithsonian Institution Washington, D.C.	1985	$63,000	$63,000
Squaw Valley Ski Resort Olympic Valley, California	Master Plan A/E Services	Squaw Valley Development Corporation Olympic Valley, California	1970	$ 6,000	$ 6,000
Columbia River Front Master Plan Columbia, S.C.	350 Acres, River Front Master Plan, Planning Land. Arch.&Architecture	Mayor Kirkman Finley Jr. City of Columbia City Hall, Columbia, S.C.	1984± Spring	$ 1,750	$ 1,750
Western Canal and Ecumenical Plaza Lowell, Mass.	Master Planning, Landscape Arch. & Urban Design, Construc. Doc., Supervision	Mr. John Taveres Director of Program City of Lowell J.F.K. Civic , Lowell, MA	1975	$ 1,100	$ 1,100
Favetteville Transit Mall Master Plan Fayetteville, N.C.	Master Planning, Landscape Arch., Urban Design,Schem&Des.Develop. Con. Documents	Mr. John Smith, City Mngr. City of Fayetteville, N.C.	1986±	$ 3,600	Schematic & Design Development
Historic CBD Pedestrian System Improvements Lowell, Mass.	Master Planning for CBD Construction Document for Phase I and II	Mr. James Milinazzo Director of Planning City of Lowell, Mass.	1982 Phase I	$ 2,800 (Land.Arch. only)	Landscape Consultant
Downtown Crossing Boston, Massachusetts	Final design of reconstructed pedestrian and vehicular streets, including transit priority	MBTA Boston, Mass.	1979	$ 1,700	$ 1,700
Development of Preferential Runway System for Noise Abatement, Logan Airport Boston, Mass.	Acoustics/Noise Abatement Environmental Assessment Airport Noise Control	Massachusetts Port Authority Boston, Massachusetts	1981	$ 94	$ 94

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.203

8. Work by Firm or Joint Venture Members Which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

ECONOMICS RESEARCH ASSOCIATES

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
(1) Central City Waterfront Study Detroit, Michigan	Economic analysis and recommendation of development alternatives	Mr. Steve Carr Carr-Lynch Associates 1385 Cambridge Street Cambridge, Massachusetts	1982		$ 20,000
(2) Rio Salado Master Plan Phoenix, Arizona	Economic analysis, fiscal impact & development recommendations for riverfront	Salt River Planning District Phoenix, Arizona	1983	$ 300,000	$ 45,000
(3) South Norwalk Historic Waterfront Revitalization Plan Norwalk, Connecticut	Market potentials, economic/fiscal impact and strategy recommendations	Mr. Rod Johnson, Director Norwalk Redevelopment Agency 35 South Main Street Norwalk, CT 06854	1979		$ 30,500
(4) Boston Naval Shipyard Reuse Study Boston, Massachusetts	Analysis of market support for waterfront related uses; fiscal impact, cost/benefit analysis & development programming	City of Boston Economic Development & Industrial Commiss.	1972		$ 20,000
(5) Third Harbor Tunnel Central Artery Improvements EIS Boston, Massachusetts	Economic impact analysis for environmental impact statement	Massachusetts Turnpike Authority Massachusetts Dept. Public Works Boston, Massachusetts	Sept. 1983	$ 3.3 million	$ 90,000
(6) Computerized Property Management Information System Boston, Massachusetts	Inventory and valuation of real estate parcels	Massachusetts Bay Transportation Authority 50 High Street Boston, Massachusetts 02110	1982	$ 226,000	$ 26,000
(7) The North Artery Project Opportunities for Development in Charlestown, MA (Boston,MA)	Evaluation of develop. potential of parcels near improved highway Recommend joint dev. opp.	Massachusetts Dept. Public Works 100 Nashua Street Boston, Massachusetts	1981		$ 15,000
(8) Lowell Urban National Cultural Park Lowell, Massachusetts	Economic analysis, projection of market potentials & impact study	Fred Faust Lowell Historic Canal Commiss. Lowell, Massachusetts 01800	1977		$ 5,000
(9) Lynn Blue Line Economic Development Study Lynn, Massachusetts	Economic & fiscal impact analysis of Blue Line extension	Massachusetts Bay Transportation Authority 50 High Street, Boston, MA.	1978		$ 9,500
(10) Revitalization Strategy for Codman Square Dorchester, Massachusetts	Market potential analysis & development of revitalization strategy	Mr. Emmanuel Berk Neighborhood Develop. Agency 128 Tremont Street Boston, Massachusetts	1981	$ 27,000	$ 27,000

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
Human Nutrition Research Center Boston, Massachusetts	Complete A/E Services	U.S. Dept. of Agriculture Beltsville, Maryland	90% construc.	29,000	29,000
South Quadrangle Development Smithsonian Institution Washington, D.C.	Complete A/E Services	Smithsonian Institution Washington, D.C.	Working Drawings Complete	63,000	63,000
Veterans Administration Medical Center Preliminary Renovations to SCI Unit	Complete A/E Services	Veterans Administration Washington, D.C.	50%	7,000	7,000
Veterans Administration Medical Center Brockton, MA Tray Preparation Facility	Complete A/E Services	Veterans Administration Washington, D.C.	25%	200	200
Veterans Administration Medical Center Lyons, New Jersey Concept Renovation Building 4	Complete A/E Services	Veterans Administration Washington, D.C.	30%	3,500	3,500

Question 10

The team which has been assembled for East Boston Harborside provides all of the ingredients which are necessary to a meaningful and workable master plan which will enrich and be in harmony with the lives of the neighboring community and of the City as a whole, as well as enhance Boston's unique harbor resource.

All members have had a great deal of experience in working with and for citizen groups and enjoy doing so; all are located within a ten mile radius of the project site; and, perhaps most importantly, all have reputations for creativity within their own fields.

Shepley Bulfinch Richardson and Abbott with its century old reputation for responsible design and project management, its staff of 93 highly qualified men and women and its experience with virtually every building type will contribute:

- overall project leadership, management, team coordination and interface with the PAC and BRA;
- development of architectural design alternatives which carefully consider historical background, esthetic value, budgetary goals, energy conservation, geotechnical data and planning and socio-economic studies developed by the PAC;
- professional and technical assistance in preparation and presentation to the PAC and BRA of plans, design studies, economic analyses and all other required materials;
- estimates of construction and operating costs of the architectural components of the master plan and coordination and integration of estimates provided by other members of the team for their own specialties.

Four SBRA projects which are listed in Question 8 and are directly related to the East Boston Harborside project are:

The Pharos Hotel and New Yacht Club of Egypt: SBRA has designed a luxury five-star hotel and new Yacht Club on the Eastern Harbor of Alexandria, Egypt which will meet the hight standards of international service. A more detailed description of this project is included following Question 10.

South Quadrangle Development: Sited on 4.2 acres at the foot of Capitol Hill in Washington, D.C., this project for the Smithsonian Institution will house the expanded collections of the Eastern and African Galleries. Two above-ground entry pavilions and three underground levels will incorporate major program areas for exhibition space, conservation laboratories and offices. This new center, which has a project

11 The foregoing is a statement of facts.

Signature _____ Typed Name and Title: _____

Date:

10. Use this space to provide any additional information or comments

cost of $75 million, is designed to give 25 million visitors a year an understanding of the cultural achievements of the African and Eastern cultures.

Master Plan for the Squaw Valley Development Corporation: The master plan for this large ski area located in Olympic Valley, California provided summit and base buildings including housing, restaurant and retail space, and a tramway terminal which won a national honor aware for excellence in design. The Tramway Terminal itself serves 1100 skiers per hour moving them 2000 feet up the mountain in two cable cars in less than five minutes.

Guangzhou International Financial Center: SBRA's master plan and feasibility study for this $50 million Financial Center provides hotel, office space, exhibition/trade space and retail spaces for the city of Guangzhou, China.

Landscape Architects/Urban Designers/Planners: Paul C. K. Lu & Associates

The award winning minority firm of Paul C. K. Lu & Associates is a small business organization which practices planning/landscape architecture/urban design. The firm's special concentration is on master planning, design and implementation. Utilizing a multi-disciplinary approach, their goal is to create the highest quality planning and design product within the client's required time frame and budget limitation.

All of its team members have extensive past experience working for large well-known firms. Yet the firm has found that working as a small group has allowed it to focus on a high quality first class product, while taking personal pride and responsibility for creative planning and design effort.

Paul C. K. Lu's previous relevant projects include:

- Principal-in-Charge of master planning and preliminary architecture service for a hotel/housing/shopping complex at Lahore, Pakistan, and master planning, landscape architecture service for a condominium housing project at York Harbor, ME.

- Principal-in-Charge of Western Canal Linear Park, South Common Urban Park, Memorial Swimming Pool and Bath House Complex, Historic Downtown Site Improvement, and Doane Street Park all in Lowell, Massachusetts, Payson Park, Belmont, Massachusetts, Central Hill Park, Somerville, Massachusetts.

- Principal-in-Charge of St. Louis Gateway Mall and Waterfront Park Planning and Design, St. Louis, MO, Broad Square Park, Statesville, North Carolina, Framingham Downtown Urban Design Study, Framingham, Massachusetts.

11 The foregoing is a statement of facts.

Signature _____ Typed Name and Title: _____ Date:

10. Use this [illegible] to provide any additional information or explanation. Attach [illegible]

- Project manager and planner for a major urban design and transportation project incorporating the reconstruction of mass transit commuter and inter-city rail lines, local streets, linear park system, proposed land use and joint development of adjacent area. The project required coordination with numerous city and state agencies and extensive community, for the MBTA in Boston, Massachusetts.

- Project manager and planner for urban design services including planning and designing of core area of existing central business district. Land use, circulation, parking, pedestrian and vehicle movement system, and preparation for long-range growth strategies. For Rochester Downtown Development Corporation, Rochester, Minneapolis.

Paul C. K. Lu & Associates will contribute:

- planning, landscape architecture and urban design alternatives within which the architectural components will take their place;

- on-going participation with SBRA in dialogues with the PAC and other pertinent groups;

- experience in working with a wide variety of public agencies;

- estimates of construction and operating costs associated with landscape architecture.

Transportation, Engineering Feasibility: Tippetts-Abbett-McCarthy-Stratten (TAMS)

TAMS is a multidisciplinary firm of consulting engineers and architects with 40 years of experience in the planning, design, supervision and management of large and small engineering projects. Their staff includes civil, electrical, mechanical, structural, geotechnical, and hydraulic engineers as well as architects, urban and regional planners, economists, environmental specialists, and related technical specialists.

TAMS has maintained a New England Office devoted to transportation design and planning continually since 1963. This office has staff of professional and technical personnel in the fields of civil engineering, transportation planning, traffic engineering, urban planning and architecture.

Traffic engineering and transportation planning have been among the firm's major activities. Recent work in this field in the Boston area includes:

- Boston Central Artery Origin & Destination Survey

1. The foregoing is a statement of facts.

Date:

Signature: _____ Typed Name and Title: _____

- Design of Boston's Downtown Crossing

- The MBTA's Replacement/Transit Improvement Study in the South End, Roxbury & Dorchester

- Redesign of Commonwealth Avenue

- MBTA Bus Priority Study

- Traffic engineering in over 150 Massachusetts cities and towns.

TAMS Ports Department includes structural engineers experienced in the design of all types of marine structures, piers and wharfs, bulkhead systems, breakwaters, off-shore platforms, mooring and fendering systems constructed under a wide variety of climatic and hydrologic conditions. Supporting the engineering capabilities are mechanical and electrical departments who have provided support systems for all types of waterfront structures, heavy lift, container and cargo handling systems, and civil engineers who have designed highway access and connecting rail facilities.

TAMS will provide services in connection with:

- civil, structural, mechanical and electrical analyses

- geotechnical analyses

- foundation alternatives

- pier restoration and/or demolition

- transportation and traffic (land and sea) alternatives

- estimates of construction cost associated with the above.

11 The foregoing is a statement of facts.

Signature _____ Typed Name and Title: _____

Date:

Financial and Marketing Feasibility: Economics Research Associates

Economics Research Associates is a consulting firm specializing in real estate economics and development planning. The firm has offices in Boston, Los Angeles, Washington, D.C., Chicago, Ft. Lauderdale and San Francisco. Included in the staff are economists, public administrators, financial analysts, marketing professionals and urban planners, as well as other disciplines concerned with providing creative solutions to business and governmental problems. Since its creation in 1958, ERA has completed more than 6,000 assignments for a wide range of governmental, institutional and corporate clients.

Over the years, ERA has completed numerous projects involving development planning for large-scale urban development projects, including such well known developments as Market Street East in Philadelphia; Broadway Plaza in Los Angeles; the Galleria in Houston; and the Charlestown Navy Yard and Faneuil Hall Marketplace in Boston. ERA has provided the economic input into development planning for waterfront projects in Newburyport, Salem, Gloucester, New Bedford and Boston, Massachusetts; Narragansett Bay, Rhode Island; Norwalk, Groton, and Saybrook, Connecticut, and Detroit, Michigan. These projects have involved determination of market support for a variety of uses, including housing, retail, office, hotel, marina, tourist attractions, fisheries and port facilities. In addition to market data, ERA has provided input on financial feasibility, financing strategies, economic and fiscal impacts, cost-benefits, development alternatives and implementation strategies.

ERA will provide the necessary experience in:

- real estate economics and alternatives
- marketing strategies
- financial feasibility alternatives
- alternative implementation strategies

Environmental Analysis and Acoustics - Bolt Beranek and Newman, Inc.

BBN provides a wide range of consulting, research, and engineering services that relate broadly to acoustical, mechanical system, and environmental problems. These services focus on the prevention of problems through scientific planning and design of effective systems and the solution of problems through engineering analysis, advanced development, and the application of state-of-the-art control techniques.

Historically, the nucleus of these services was acoustics and noise control. As they became involved in solving industrial and environmental noise problems, they began to expand their technical capabilities to provide a more complete problem-solving service. Built upon BBN's strong foundation of technical

11. The foregoing is a statement of facts.

Signature: _____ Typed Name and Title: _____

Date:

10) Use this space to provide any additional information or description of resource supporting your

excellence in acoustics, their services today include capabilities in environmental science and engineering, industrial hygiene, economics, wind studies, energy conservation, and other related technical specialties.

Noise and Vibration Control - BBN solves noise and vibration problems for government agencies, utility companies, manufacturers, and industrial organizations. They provide measurement and analysis services and design techniques for controlling noise and vibration. For proposed new facilities, they identify potential problem sources, design treatments to meet acceptable noise and vibration criteria, and offer engineering supervision to ensure that recommended control measures are properly carried out and that specified criteria are satisfied.

An example of their comprehensive noise control capabilities is a recent contract with the U.S. Bureau of Mines. BBN developed and demonstrated retrofit noise control treatments that significantly reduce the noise exposure of bulldozer operators engaged in surface mining. These treatments were specifically designed to be readily constructed and installed in the field at low cost. To transfer this technology to the mining community, BBN conducted a series of seminars and workshops in 50 cities around the country.

Manufacturers rely on BBN's noise control expertise in the design of quieter products and equipment. Their services have been used, with excellent results, to reduce noise from trucks, heavy machinery, and consumer household items.

Environmental Science and Engineering - Communities near airports, highways, rail lines, or industrial facilities often face combined noise and air quality problems. They help companies and transportation authorities reduce the impact of their operations on nearby communities. Working with community officials, we assist in the development of codes and ordinances for the enforcement of environmental regulations.

Illustrating BBN's environmental activities is their work for New York's West Side Highway Project. More than forty BBN consultants were involved in preparing the noise portion of the Environmental Impact Statement, in conducting engineering studies of noise barriers and acoustical absorption in covered sections, in muffling large ventilation fans, and in controlling construction noise.

BBN develops environmental impact statements for proposed new construction projects, and BBN planners work to minimize undesirable side effects, both during and after construction. In addition to analyzing effects on the physical environment, they evaluate land use and sociological and economic impacts. They provide expert testimony in environmental matters and serve as consultants to commercial organizations, as well as to federal, state, and municipal authorities.

11) The foregoing is a statement of facts

Signature _____ Typed Name and Title: _____

Date:

10 Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project.

BBN was recently selected to study the air quality, noise, and vibration impacts associated with Boston's proposed Third Harbor Tunnel project. The study is part of a joint federal and state environmental impact review process.

BBN will provide the following services:

- environmental alternatives in connection with noise and vibration control during and after implementation of the master plan.

- air quality recommendation if required by the possible adjacency of a third harbor tunnel.

11 The foregoing is a statement of facts.

Signature George R. Mathey Typed Name and Title: George R. Mathey, President

Date: 15 December 1982

Skidmore, Owings & Merrill

Bruce J. Graham, Partner

33 West Monroe Street
Chicago, Illinois 60603
312 641 5959
Telex 25 4337

December 14, 1982

DEC 15 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Dear Mr. Ryan:

In response to your recent inquiry enclosed is GSA Standard Form 254, to be followed shortly by Form 255. We are thus expressing our interest in the exciting project you are proposing for the Boston Harbour development site.

We believe this is the type of project our office is best equipped to execute. We look forward to discussing the project further with you in the near future.

Sincerely,

Bruce J. Graham

BJG/sc

Skidmore, Owings & Merrill

Bruce J. Graham, Partner

33 West Monroe Street
Chicago, Illinois 60603
312 641 5959
Telex 25 4337

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Dear Mr. Ryan:

As discussed with your associate, Mr. Brown, this morning, we are pleased to enclose form 255 in regard to the Boston Harbor Development site.

Peter Hopkinson, my associate in our Boston office, is also submitting information which will supplement our basic package of information.

We look forward to hearing from you soon and to having the opportunity to discuss the project with you further.

Sincerely,

Bruce J. Graham

BJG/sc

255

Architect-Engineer and Related Services for Specific Project

Boston Harbor Development Site
Boston, Massachusetts

3. Firm (or Joint Venture) Name & Address

Skidmore, Owings & Merrill
33 West Monroe Street
Chicago, Illinois 60603

3a. Name, Title & Telephone Number of Principal to Contact

Bruce J. Graham, Partner
312/641-5959

3b. Address of office to perform work, if different from item 3

Personnel by Discipline: firmwide

360	Administrative	46	Electrical Engineers	___	Oceanographers	33	Computer Specialists
934	Architects	11	Estimators	34	Planners Urban/Regional	27	Model Builders
___	Chemical Engineers	___	Geologists	21	Sanitary Engineers	16	Graphic Designers
17	Civil Engineers	___	Hydrologists	___	Soils Engineers	1	Lawyer/Planner
19	Construction Inspectors	145	Interior Designers	31	Specification Writers	___	
___	Draftsmen	17	Landscape Architects	193	Structural Engineers	___	
___	Ecologists	83	Mechanical Engineers	___	Surveyors	___	
___	Economists	___	Mining Engineers	___	Transportation Engineers		Total Personnel 2,177

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative technical and financial) for each firm:
(Attach SF254 for each if not on file with Procurring Office.)

5a. Has this Joint-Venture previously worked together? ☐ Yes ☐ No

Name & Address	Specialty	me before (Yes or No)

William M. Drake, Partner

Project Assignment:

Project Partner

Name of Firm with which associated:

Skidmore, Owings & Merrill

Years experience: With This Firm 16 With Other Firms 3

Education: Degree(s) / Year / Specialization

Bachelor of Arts/1954/Architecture
Master of Architecture/1961

Active Registration: Year First Registered/Discipline

1964/Architecture

Other Experience and Qualifications relevant to the proposed project:

Mr. Drake's responsibilities as a partner in charge of project administration include the coordination and management of all the professional disciplines involved in individual projects. As project partner since 1979 and, from 1973 to 1976, as director of SOM's Paris office, Mr. Drake has participated in a wide variety of international urban planning, architectural and interior design projects. He coordinated the efforts of over 100 qualified professionals during the master planning and design development for the 15,000-student Makkah campus of King Abdul Aziz University. Currently, he is responsible for several urban design and architectural projects in the Middle East.

Involved in the rehabilitation of older structures such as the Monadnock and Palmolive Buildings in Chicago, Illinois, Mr. Drake takes a personal interest in America's architectural traditions. He is a member of the Commission on Chicago Historical and Architectural Landmarks.

Name & Title:

Bruce J. Graham, Partner

b. Project Assignment:

Design Partner

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 33 With Other Firms 0

e. Education: Degree(s) / Year / Specialization

Bachelor of Architecture/1948

f. Active Registration: Year First Registered/Discipline

1949/Architecture

g. Other Experience and Qualifications relevant to the proposed project:

As a design partner, Mr. Graham sets the standards of quality and leads creative efforts in each phase and detail of a project's design and execution.

Since joining SOM in 1949, Mr. Graham has been responsible for world-renowned structures such as the John Hancock Center and Sears Tower. His work also includes the Chicago 21 Plan for the Central Communities, and Dearborn Park residential development plan as well as the master plan for the mixed-use ANR Riverfront Development in Detroit, Michigan. He is currently involved in the new Chicago Central Area Study, a continuation of the Chicago 21 Plan of 1973.

Concerned with urban growth and evolution, Mr. Graham is a director of the Chicago Central Area Committee as well as a member of the Urban Land Institute's Development Policies and Regulation Council Executive Group.

Roger M. Seitz, Partner

Project Assignment:

Planning Partner

Name of Firm with which associated:

Skidmore, Owings & Merrill

Years experience: With This Firm 14 With Other Firms 4

Education: Degree(s) / Year / Specialization

Bachelor of Architecture/1960
Master of Architecture and Urban Design/1964

Active Registration: Year First Registered/Discipline

1964/Architecture

Other Experience and Qualifications relevant to the proposed project:

Partner in charge of urban planning and environmental design, Mr. Seitz supervises all site and urban planning, master planning and related studies and reports developed by the firm. From the outset of each new project, he works in close communication with the design partner to address issues of urban design and community impact.

Mr. Seitz has been responsible for the planning and urban design of many significant projects including the Chicago 21 Plan, Dearborn Park residential development plan, St. Louis City Center redevelopment plan and ANR Riverfront master plan. Among his recent projects are the current master plan update for Columbus, Indiana, and the site selection and master plan for the proposed 1992 World's Fair in Chicago, Illinois. Before joining SOM in 1968, he was instrumental in the development of a comprehensive plan for the Northeastern Illinois Metropolitan Area.

Name & Title:

Richard S. Joslin, Associate Partner

b. Project Assignment:

Senior Studio Architect

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 6 With Other Firms 14

e. Education: Degree(s) / Year / Specialization

Bachelor of Arts/1954/Architecture
Master of Architecture/1961

f. Active Registration: Year First Registered/Discipline

1964/Architecture

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Joslin leads a studio of designers and technical personnel assigned to individual projects. Under the direction of planning and design partners, he and the team explore alternatives and refine the architectural and development concepts which best accommodate the client's program and goals. Mr. Joslin has been particularly involved in large-scale projects which require extensive preparatory urban design studies, such as the Dearborn Park residential development plan, site alternative evaluations for the Hubert H. Humphrey Metrodome in downtown Minneapolis, and The Menninger Foundation's new 332-acre psychiatric care complex outside Topeka, Kansas.

Prior to joining SOM in 1976, Mr. Joslin was Chief Architect to the City of Boston Public Facilities Department for four years, then, for five years, Director of Urban Design for the Boston Redevelopment Authority where he guided City participation in the Faneuil Hall Market restoration program and a wide variety of

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (thousands)	
				Entire Project	Work for which Firm was/is responsible
NR Riverfront Development etroit, Michigan	Master plan and schematic design for riverfront mixed-use development	ANR Development Group Detroit, Michigan	1982	Report	
hicago Dock and Canal evelopment hicago, Illinois	Master plan, development guidelines for riverfront mixed-use development	Chicago Dock & Canal Trust Chicago, Illinois	1983	Report	
. Louis Metro Area Rail ateway Enterprise ast St. Louis, Illinois	Redevelopment alternatives for 1,500-acre riverside property	Illinois Department of Transportation Springfield, Illinois	1980	Report	
icago Central Area Study icago, Illinois	Urban planning alternative development concepts for central communities	Chicago Central Area Committee Chicago, Illinois	1983	Report	
olumbus Central Area aster Plan olumbus, Indiana	Planning, traffic and transportation studies to update 1969 SOM master plan	The Heritage Fund of Bartholomew County Columbus, Indiana	1982	Report	
earborn Park sidential New Town icago, Illinois	Master Plan, development guidelines, design criteria and landscaping	Dearborn Park Corporation Chicago, Illinois	1980	Report	
92 Chicago World's Fair icago, Illinois	Site evaluation and selection, preliminary master plan, environmental assessments	Chicago World's Fair - 1992 Corporation Chicago, Illinois	1982	Report	
Louis City Center Louis, Missouri	Concept plan and design standards for public improvements to cultural district	City Center Redevelopment Corporation St. Louis, Missouri	1981	Report	
rtheast Corridor provement Project lti-Location, USA	Architectural design standards for 15 passenger stations	U.S. Department of Transportation Federal Railroad Administration	1985	$2,500,000	$245,000
wes/Foster Wharf mpetition ton, Massachusetts	Urban planning and architecture for harbor redevelopment competition entry	The Beacon Company Boston, Massachusetts	1983	Report	

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (Thousands)	
				Entire Project	Work for which firm is responsible
Downtown People Mover Evaluation Study Multi-City, U.S.A.	Program evaluation	Urban Mass Transportation Authority Washington, D.C.	24	Report	Report
Engineering Maintenance Support Facility Boston, Massachusetts	Architecture and land-scape design	U.S. Coast Guard Boston, Massachusetts	90	5,750	5,750
Areawide Environmental Impact Study Salt Lake City, Utah	Environmental assessment	U.S. Department of Housing and Urban Development Denver, Colorado	20	Report	Report
Veterans Administration Hospital Portland, Oregon	Architecture/engineering	Veterans Administration Washington, D.C.	2	131,430	67,715
U.S. Embassy Moscow, U.S.S.R.	Architecture/engineering	U.S. Department of State Washington, D.C.	85	100,000	100,000
Fort Meade Master Plan Phase Four Fort Meade, Maryland	Master planning	U.S. Army Corps of Engineers Baltimore, Maryland	45	Report	Report
CIA Headquarters Langley, Virginia	Master plan update	Central Intelligence Agency Washington, D.C.	20	Report	Report
Northeast Corridor Rail Improvements Northeastern U.S.A.	Master planning/ architecture/engineering	U.S. Department of Transportation Federal Railroad Administration Washington, D.C.	90	245,000	245,000

Skidmore, Owings & Merrill ... complete professional services in the fields of architecture, design, planning and engineering. Since then, SOM has undertaken a variety of projects in the United States and in more than 40 countries throughout the world. Over 1,700 architects, engineers, urban planners, landscape architects, interior architects, lawyers, economists, social scientists and management specialists work in nine major SOM offices. Thirty-four partners supervise the firm's extensive staff assisted by 100 associate partners and 245 associates.

In recognition of the achievements of the firm as a group of professionals working together as a team, the American Institute of Architects awarded its first architectural firm award for excellence in design to SOM in 1962. An unyielding commitment to excellence has consistently produced high-quality architectural design, planning and technical performance and has been rewarded with a continuing reputation for holding the highest possible professional standards.

The firm's diversified work includes large- and small-scale projects such as offices, banks, commercial, industrial and educational buildings, hotels, hospitals, airports, recreational, religious and residential facilities. A broad range of urban planning projects includes central business district redevelopment and urban design, environmental impact assessment and regional transportation studies.

SOM's urban planning and environmental design capacity has evolved through a long association with large-scale projects and urban systems, and a concern for the environmental impact of each of the firm's construction efforts. In recent years, the pace of growth and the complexity of urban problems have created a requirement for a more comprehensive overview to guide development. To this end, SOM has formed a planning and urban design team with diverse technical and professional skills to survey and analyze all aspects of environmental conditions relevant to a particular problem; to identify social, economic and political implications; and to develop viable programs and physical solutions.

The primary objective in each project is to achieve a synthesis of all factors that interact in a given situation so that effective and innovative action can result. Major importance is placed on development and subsequent evaluation of structural alternatives in areas of legislation, taxation, administration and financing. At the same time, physical elements are analyzed for feasibility and environmental impact. This process closes the gap between the broad approach of long-range comprehensive planning and that of more narrowly focused individual projects. Although the nature of any given problem dictates the specific composition of the SOM team, the skills of lawyers, economists, management consultants, engineers and social scientists are often included to supplement work on a given project.

Understanding of the natural physical environment is integral to SOM's planning and design approach. Landscape architects provide vital understanding and analysis of the natural environment, of regional influences and their effects upon design alternatives and program requirements. Climate, topography, native plant species and construction materials are carefully evaluated. Landscape thus appears as an integrated component of the architectural design or development plan. Natural elements are enhanced or reintroduced in the modern urban cityscape.

11. The foregoing is a statement of facts.

Signature: 

Typed Name and Title: Bruce J. Graham, Partner

Date: December 15, 1983

Skidmore, Owings & Merrill
334 Boylston Street
Boston Massachusetts 02116
617 247 1070

December 14, 1982

DEC 15 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
One City Hall Square
Boston, MA 02201

Re: East Boston Harborside

Dear Mr. Ryan:

The Boston office of Skidmore, Owings & Merrill is pleased to submit credentials to supplement the submittal sent to you from the Chicago office of SOM. The firms and individuals listed here will serve as the local contact team for this major planning effort. In assembling our team and choosing the individuals who will participate, we have looked for those able to take an expansive view of site opportunities and at the same time provide the level of confidence needed by the local community, the BRA, Massport, and the international development community.

The East Boston Harborside need not be viewed as inaccessible land, squeezed behind Jeffries Point, at a disadvantage in market competition with the Navy Yard or the Fort Point Channel. Rather, we see these 56 acres as a significant component of a rare and endangered species--major waterfront sites on attractive harbors in the world's most vibrant and exciting cities. One of our major objectives in this planning effort will be to identify the broad design, engineering, and marketing concepts which will take full use of this potential.

The planning team assembled by SOM represents national and international experience in waterfront design, master planning and urban design, engineering, and marketing services. For experience and inspiration, the firm draws upon recent projects in Africa, the Middle East, the Orient, Newfoundland, New Orleans, Chicago, Falmouth, and Boston, as well as nearly 50 years of design experience and offices in nine U.S. cities. At the same time, we are individuals with knowledge and commitment to Boston that can make the project work at the local level.

Skidmore, Owings & Merrill will maintain the lead role in the planning team, acting as catalyst for those broad development concepts which will guide the planning effort. SOM will be responsible for the physical expression and testing of those concepts in terms of use program, site plan, massing, views, the interrelationship of uses, and the resolution of engineering issues on the site. SOM will also provide day-to-day project management services.

Haley & Aldrich, Inc. will provide geotechnical analysis and review of existing structures. Once all available data has been reviewed, SOM may also draw upon other skills as needed in areas such as transportation planning where SOM has worked extensively with Vanasse/Hangen Associates, Inc., or environmental issues where SOM's most recent work has been with Jason M. Cortell and Associates.

However, no matter how broad and attractive the experience of the firm may be, it is the individuals with responsibility who will make the effort a success. We feel we have assembled a team of such individuals with broad national and international experience but with the demonstrated ability to work together on a master planning level. Resumes are included with this letter outlining the experience of major participants in the plannning effort.

A cross-section of related projects has been identified in the attached qualifications materials. However, a brief mention of a few here will demonstrate the range of relevant experience offered. At the local perspective, SOM is involved in planning and design efforts which ring the Boston Harbor, including two years of assistance to Massport in the identification of reuse options for Commonwealth Pier, the development of marketing materials, and day-to-day support in the financial analyses and negotiation of development agreements. In addition, SOM has recently designed the One Lewis Wharf office building, the new Coast Guard Engineering Maintenance Support Facility at the foot of Hanover Street,

and is currently preparing designs for the Macomber Development project at Bird Island Flats. SOM is fully aware of the transportation circulation problems of the area, having dealt with these issues on a local basis in several areawide transportation studies.

Other Boston projects which relate to the design and planning issues in East Boston are the Harvard Square Station, involving the surface redesign of a large portion of the Square; Downtown Crossing Study; and Piers 1, 2, 3 environmental assessment involving issues of harborside development. On a national and international basis, SOM brings to this effort experience in such projects as a major redevelopment of 46 acres of Chicago River frontage for office, residential, and retail uses; the ANR Riverfront Development, design of a complete neighborhood on 44 acres of waterfront property, including marina facilities; and master planning for the 1992 Chicago World's Fair on the lakeshore, including 180 acres of new landfill.

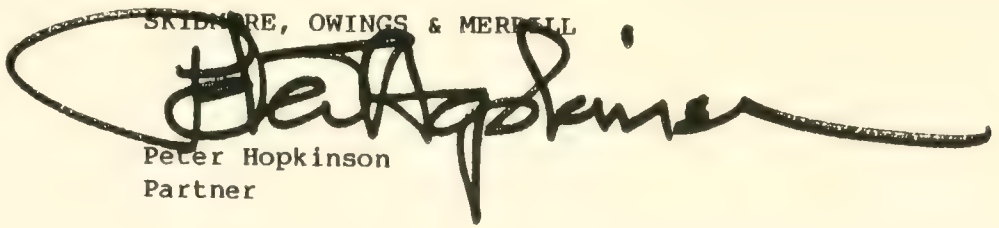
The SOM team stands ready to initiate this project in January and provide master plan and development plan products as required by the BRA/Massport contract. We anticipate a fast start-up and a total commitment period in the first months as we reach for the larger concepts that will make the East Boston Harborside a reality. This will result in a first master plan document in March. The development plan phase will then refine these larger concepts providing the additonal design, engineering, marketing, and financial analyses which will create the level of confidence essential to a successful marketing effort. The SOM team would also be available and qualified to carry the East Boston Harborside work beyond the development plan through enviromental reviews, permitting, and site marketing materials.

Included in this brochure is a Standard Form 255 for the East Boston Harborside project; Standard Forms 254 for SOM and Haley & Aldrich, Inc.; and project descriptions for SOM. Separately bound are qualification materials for Haley & Aldrich, Inc.

We look forward to the chance to meet with you and discuss in more detail our approach to this exciting planning and development program.

Very truly yours,

SKIDMORE, OWINGS & MERRILL



Peter Hopkinson
Partner

2872A

255

Architect-Engineer and Related Services for Specific Project

East Boston Harborside
Massport Piers 1-5
Boston, Massachusetts

Announcement Date, if any:

Number, if a

3. Firm (or Joint Venture) Name & Address

Skidmore, Owings & Merrill
334 Boylston Street
Boston, Massachusetts 02116

3a. Name, Title & Telephone Number of Principal to Contact

Peter Hopkinson
Partner
617-247-1070

3b. Address of office to perform work, if different from item 3

Personnel by Discipline:

12	Administrative		Electrical Engineers		Oceanographers	1	Lawyer/Planner
20	Architects		Estimators	10	Planners Urban/Regional	2	Graphics
	Chemical Engineers		Geologists		Sanitary Engineers		
	Civil Engineers		Hydrologists		Soils Engineers		
	Construction Inspectors	2	Interior Designers		Specification Writers		
21	Draftsmen	1	Landscape Architects		Structural Engineers		
	Ecologists		Mechanical Engineers		Surveyors		
	Economists		Mining Engineers		Transportation Engineers	77	Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative technical and financial) for each firm:
(Attach SF254 for each if not on file with Procurring Office.)

5a. Has this Joint-Venture previously worked together? ☐ Yes ☐ No

		Specialty	Prime before (Yes or No)
1	Haley & Aldrich, Inc. 238 Main Street Cambridge, MA 02142	Geotechnical Engineering	Yes
2			
3			
4			
5			
6			
7			
8			
9			

Peter Hopkinson
General Partner

Project Assignment:
Partner

Name of Firm with which associated:
Skidmore, Owings & Merrill

Years experience: With This Firm 21 With Other Firms 2

Education: Degree(s) / Year / Specialization
M.Arch./1960/Architecture
B.Arch./1954/Architecture

Active Registration: Year First Registered/Discipline
1975/Architecture

Other Experience and Qualifications relevant to the proposed project:

As General Partner in the Boston office, Mr. Hopkinson has been responsible for all planning, urban design, and architectural activities including the following:

- o Bird Island Flats Design Guidelines, Logan International Airport, Boston, MA
- o Massachusetts Technology Center at Bird Island Flats, Logan International Airport, Boston, MA
- o U.S. Coast Guard Engineering Maintenance Support Facility, Boston, MA
- o Lewis Wharf Office Building, Boston, MA
- o Boston Neighborhoods Urban Design Studies, Dorchester Lower Mills and Roslindale Square, MA
- o Washburn Island Preserve Master Plan, Falmouth, MA
- o Boston Transportation Planning Review, Metropolitan Boston, MA
- o Harvard Square Subway Station Reconstruction, Cambridge, MA

Name & Title:
Karen B. Alschuler
Associate Partner

b. Project Assignment:
Project Planner

c. Name of Firm with which associated:
Skidmore, Owings & Merrill

d. Years experience: With This Firm 8 With Other Firms 5

e. Education: Degree(s) / Year / Specialization
M.C.P./1969/City Planning
B.A./1967/Liberal Arts

f. Active Registration: Year First Registered/Discipline
1977/American Institute of Certified Planners

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Alschuler has been Project Manager for a wide range of projects involving urban, community, and transportation planning as well as environmental analyses, design, and planning. These include the following:

- o Project Manager, Commonwealth Pier Redevelopment Study and Environmental Impact Statement, Boston, MA
- o Project Manager, Boston Neighborhoods Urban Design Studies, Dorchester Lower Mills & Roslindale Square, MA
- o Project Manager, Environmental Assessment of Proposed Development of Parcel 1B, Harvard Square, Cambridge, MA
- o Project Manager, Environmental Assessment of the Close-Out of Urban Renewal Properties, South End, Boston, MA
- o Project Manager, Newton Corner Revitalization Plan, Newton, MA
- o Management of Environmental Assessment Notebook Series: Airports, U.S. Department of Transportation

a. Name & Title:

Roger M. Seitz
General Partner

b. Project Assignment:

Partner

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 17 With Other Firms ___

e. Education: Degree(s) / Year / Specialization

M. Arch./ 1964/Architecture
B. Arch./1960/Architecture

f. Active Registration: Year First Registered/Discipline

Registered Architect/1968

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Sertz joined SOM in 1966 and is Director of Urban Design and Planning for the Chicago office. He has served as chief planner and urban designer on a number of major planning and architectural projects the firm has undertaken. He is currently project director for the Chicago Dock and Canal Trust project, a multi-use development for a 50-acre site extending from the junction of Lake Michigna and the Chicago River to Michigan Avenue. Past experience includes:

- o Chief planner and urban designer, Chicago 21, a comprehensive plan for the growth and redevelopment of the central area communties of Chicago, IL
- o Project director, Project Agnes Urban Design Plan, a flood recovery development and urban design plan for Corning, New York
- o Project planner, New World Centre, a multi-use complex located on the tip of the Kowloon Peninsula overlooking Hong Kong Harbor and Hong Kong Island.

a. Name & Title:

Bruce J. Graham
General Partner

b. Project Assignment:

Partner

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 33 With Other Firms ___

e. Education: Degree(s) / Year / Specialization

B.Arch./1948/University of Pennsylvania

f. Active Registration: Year First Registered/Discipline

Registered Architect

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Graham has been involved in numerous major projects during his years with Skidmore, Owings & Merrill. These include:

- o Chicago 21, Plan for the Central Area Communities, 1973, Chicago, Illinois
- o Charles Stark Draper Laboratory, 1976, Cambridge, Massachusetts
- o Sixty State Street, Office Building, 1977, Boston, MA
- o Hyatt International Hotels, 1978, Surabaya, Indonesia; Hotel and Cultural Center, 1978, Kuwait City, Kuwait 1980, Cairo, Arab Republic of Egypt; and 1980 Lima, Peru
- o One Magnificent Mile, Multi-Use Complex, 1983, Chicago, Illinois
- o Dearborn Park, Master Plan for Residential New Town, 1977, Chicago, Illinois
- o Inland Steel Building, Corporate Headquarters, 1958. Chicago, Illinois.

Stephen L. Rankin
Associate Partner

Project Assignment:
Project Architect

Name of Firm with which associated:
Skidmore, Owings & Merrill

Years experience: With This Firm 8 With Other Firms 0

Education: Degree(s) / Year / Specialization
B. Arch./1971/Architecture

Active Registration: Year First Registered/Discipline

Other Experience and Qualifications relevant to the proposed project:

Mr. Rankin recently joined SOM/Boston from the Chicago office of SOM. He is currently involved in design studies for the Boston Downtown Crossing, a major urban planning and design study for the Boston Redevelopment Authority. Major projects at SOM/Chicago include:

- o New Orleans Rivercenter, Multi-Use Complex, Design, 1979, New Orleans, Lousiana
- o Lakeside Office Park, Design for Phase I, 1980, Bannockburn, Illinois
- o Riverfront Center, Office Building, 1982, Pittsburgh, Pennsylvania
- o Massachusetts Institute of Technology, EG & G Education Center, 1982, Cambridge, Massachusetts
- o Bandar Shahpour New Town, Development Plan and Master Plan, 1975, Bandar Shahpour, Iran

a. Name & Title:
Shirene Boulos
Architect/Urban Designer

b. Project Assignment:
Urban Designer

c. Name of Firm with which associated:
Skidmore, Owings & Merrill

d. Years experience: With This Firm 2 With Other Firms ___

e. Education: Degree(s) / Year / Specialization
M. Arch. & Urban Design/1980/Architecture
B. Arch./1979/Architecture

f. Active Registration: Year First Registered/Discipline
1982/Architecture

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Boulos joined Skidmore, Owings & Merrill in 1981 as an architect/urban designer. She has been involved in the following projects since that time:

- o Job Captian, Ritz-Carlton Condominiums, Boston, MA
- o Working drawings for the Ambulatory Care Center at Massachusetts General Hospital, Boston, MA
- o Schematic design, Boston University School of Management, Boston, MA

Past experience includes an Urban Design year-long thesis on the waterfront of the city of Beirut, based on a 1977 survey of civil war destruction by the French government.

Landscape Architect

b. Project Assignment:

Landscape Architect

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 1 With Other Firms ___

e. Education: Degree(s) / Year / Specialization

M. Landscape Arch./1969/Architecture
B. Landscape Arch./1967/Architecture
B. Science/1967/Botany

f. Active Registration: Year First Registered/Discipline

Registered Landscape Architect/Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:

Mr. List recently joined Skidmore, Owings & Merrill as landscape architect. His experience includes all levels of regional and site planning, resort planning , urban design, and a strong graphic and rendering ability. Past experience includes:

- o Master plan and preliminary design, Springfield (MA) Heritage State Park
- o Project Manager, Porto Carras Resort Community, responsible for design and field supervision of 5,000 acre resort with marina, village and beach hotels, and landscaping of over two miles of beachfront and marina edge.
- o Project landscape architect, Bellapaise Villas S.A. Nicosia, Cyrpus--20 retirement and resort villas on the coast of Cyrpus.
- o Landscape architect, Hotel Bernadin and Bernadin Resort Complex, Porto Roz, Yugoslavia, developed landscape detail and planting plans

Christine Franz-Goldman
Planner

b. Project Assignment:

Planner

c. Name of Firm with which associated:

Skidmore, Owings & Merrill

d. Years experience: With This Firm 1 With Other Firms 9

e. Education: Degree(s) / Year / Specialization

M. City & Regional Planning/1975/Planning
B.A/1973/Liberal Arts

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Ms. Franz-Goldman has recently joined the planning staff of Skidmore, Owings & Merrill. She is currently working on the redevelopment plan for Flint Village, a fire-devastated area in Fall River, Massachusetts. Past experience includes:

- o Reuse analysis of a 600-acre Naval auxilliary landing field in Charlestown, Rhode Island, for the G.S.A., involved the development of an environmental impact study of a series of uses for the area.
- o Socio-sconomic ayalysis, Youngstown Sheet and Tube Company, Campbell Works, Youngstown, Ohio, directed comprehensive analysis of the socio-economic costs and benefits associated with plant reopening as compared to continued shutdown of the facility.
- o Socio-economic Study, Exxon Research and Engineering Company, assessed the impacts of relocating a facility employing 1,000.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Peter L. LeCount Vice President	a. Name & Title: Cetin Soydemir Senior Engineer
b. Project Assignment: Project Manager (Geotechnical)	b. Project Assignment: Project Geotechnical Engineer
c. Name of Firm with which associated: Haley & Aldrich, Inc.	c. Name of Firm with which associated: Haley & Aldrich, Inc.
d. Years experience: With This Firm 16 With Other Firms 15	d. Years experience: With This Firm 6 With Other Firms 12
e. Education: Degree(s) / Year / Specialization B.C.E. 1951 Rensselaer Polytechnic Institute M.S. 1956 Harvard Graduate School of Arts and Sciences	e. Education: Degree(s) / Years / Specialization B.S.C.E. 1957 Robert College Eng. School, Istanbul M.S.CE. 1958 Harvard University M.E.C.E. 1960 Harvard University PH.D. 1967 Princeton University, Geotech. Eng.
f. Active Registration: Year First Registered/Discipline 1959 Maine Civil Engineer	f. Active Registration: Year First Registered/Discipline 1960 Massachusetts Civil Engineer
g. Other Experience and Qualifications relevant to the proposed project: Mr. LeCount has had broad experience on numerous and varie geotechnical projects throughout New England. Experience includes geotechnical services for waterfront structures, buildings, highways, bridges and mass transit systems. His responsibilities have included a number of repair and reconstruction projects at the White Fuel marine terminal; condition surveys of existing pile-supported piers or buildings at Long Wharf in Boston, the Boston Globe building, and an over-water retail complex in Brooklyn; and an investigation of the proposed filling of the slip alongside MassPort's Mystic Pier No. 1.	g. Other Experience and Qualifications relevant to the proposed project: Dr. Soydemir has been project engineer responsible for geotechnical aspects of a diversity of projects. His experience includes land reclamation for port and harbor facilities, waterfront relieving platforms and anchored bulkheads, and cofferdams. His land reclamation experience includes various stabilization techniques of soft, compressible marine deposits (e.g. preloading, sand drains, vibroflotation). Along one Boston waterfront, he has evaluated the wood pile foundations of an old structure and carried out investigations for the expansion of waterfront loading facilities, the proposed Third Harbor Crossing and related connecting highway net-work and a recreational park in the tidal-zone. Dr. Soydemir's experience also includes earthquake design of waterfront structures.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Commonwealth Pier Reuse Study Boston, MA	Planning & architecture feasibility study on Pier reuse	Massachusetts Port Authority Boston, Massachusetts		Report	Report
Lewis Wharf Office Building Boston, MA	Architecture and landscaping for new office building, Boston Harbor	Cargill, Masterman & Culbert Boston, Massachusetts	1982	1,400	1,400
ngineering Maintenance upport Facility oston, MA	Arch. & landscape for new fleet maintenance facility, Boston Harbor	U.S. Coast Guard First District Boston, MA	1983	6,500	6,500
ashburn Island aster Plan almouth, MA	Master planning of island for residential & recreational uses	Washburn Island Preserve Limited Partnership Falmouth, MA	1982	Report	Report
ookout Farm Master Plan t. Johns, N.B., Canada	Master planning for new residential community	Borah-Robbins Enterprises Providence, RI	1981	Report	Report
urora City Center esign Guidelines urora, CO	Master plan & design standards for new 750-acre city center	City of Aurora Planning Department Aurora, CO	1981	Report	Report
JR Riverfront Development etroit, MI	Master plan for extensive waterfront redevelopment	Caldwell Equity Corportation Detroit, MI	1982	Report	Report
icago Dock & Canal icago, IL	Master planning, site development, & urban planning of waterfront	Chicago Dock & Canal Trust Chicago, IL	1977	Report	Report
arborn Park icago, IL	Master planning, site development and landscaping	Dearborn Park Corporation Chicago, IL	1980	350	350
Orleans Rivercenter Orleans, LA	Master planning, urban planning feasibility and architecture	J. Coleman Development Company New Orleans, LA	1980	Report	Report

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thou	
				Entire Project	Work I which is resp
Engineering Maintenance Support Facility Bosotn, Massachusetts	Architecture and land-scape design	U.S. Coast Guard Boston, Massachusetts	90	5,750	5,7
Areawide Environmental Impact Study Salt Lake City, Utah	Environmental Assessment	U.S. Department of Housing and Urban Development Denver, Colorado	95	Report	Repor
Veterans Administration Hospital Portlan, Oregon	Architecture/ Engineering	Veterans Administration Washington, D.C.	50	131,430	67,75
U.S. Embassy Moscow, U.S.S.R.	Architecture/ Engineering	U.S. Department of State Washington, D.C.	90	100,000	100,000
Fort Meade Master Plan Phase Four Fort Meade, Maryland	Master planning	U.S. Army Corps of Engineers Baltimore, Maryland	85	Report	Report
Northeast Corridor Rail Improvements Northeastern U.S.A.	Master planning/ Architecture/ Engineering	U.S. Department of Trans-portation Federal Railroad Administration Washington, D.C.	90	254,000	254,000

SKIDMORE, [illegible]NGS & MERRILL FIRM WIDE CAPABILITIES

ARCHITECTURE AND ENGINEERING
- Parking Structures
- Office Buildings
- Banks and Financial Institutions
- Multi-Use Complexes
- Merchandising Facilities
- Industrial Facilities
- Central Utility Facilities
- Laboratories and Research Facilities
- Hospital and Health Care Facilities
- Educational Facilities
- Housing and Hotels
- Community Facilities
  - Civic Buildings, Libraries, Museums and Religious Buildings
- Stadia, Convention and Exhibition Facilities
- Municipal, State and Federal Facilities
- Transportation Facilities

LANDSCAPE ARCHITECTURE

URBAN AND ENVIRONMENTAL DESIGN
- Master Planning and Site Planning
- Land Use Planning
- City Planning
  - Urban Redevelopment/Renovation Projects
  - Central Business District Projects
- Community and New Town Planning and Design
  - New Town and Land Development Projects
- Systems Housing and Site Planning
- Programming and Design of Community, Social Service, Health and Recreational Facilities with Community Participation
- Civic, Open Space and Recreation Design
  - Civic Plazas, Parks and Pedestrian Malls
- Environmental Design
  - Protection of Wilderness Areas
  - Development of Environmentally Responsive Recreation Areas
- Transportation Planning
  - Balanced Transportation Systems
  - Highways, Mass Transit, People Movers, Airports
- Regional Planning
  - Regional Resource and Land Use Planning
  - Watershed Areas and Estuarial Studies
  - Coastline Development Plans
  - Landfill Projects

PROGRAMMING

ECONOMIC AND LEGAL ANAYSIS
- Cash Flow Analysis of Proposed Projects
- Legal Analysis of Implementation Mechanisms
  - Analysis of Existing Means of Implementation
  - Programming of Prototype Development Corporations

COMPUTER CAPABILITY
- Cost/Benefit Analysis
- General Accounting
- Program Generation
- Building Systems Selection
- Space Allocation
- Programming of Interiors
- Details and Specifications
- Cost Estimating
- Site and Regional Analysis and Planning

GRAPHICS

This information supplements the qualifications as presented in our letter of interest.

11. The foregoing is a statement of facts.

Signature: [signature]

Typed Name and Title: Peter Hopkinson/General Partner

Date: 12/15/82

STORCH ASSOCIATES

ENGINEERS
ARCHITECTS
LANDSCAPE ARCHITECTS
PLANNERS
ENVIRONMENTAL CONSULTANTS

HERBERT STORCH, P.E., P.P.
GEORGE KIRGIS, P.E., P.P.
PAUL A. LEVY, P.E., L.S.
JOSEPH F. LIBUDA, P.E.
JOHANNES H. WAGNER, L.A.
ROBERT M. ESCHBACHER, P.E.
RICHARD J. McDERMOTT, P.E.
JOSEPH F. MERLUZZO, P.E.
MICHAEL D. D'ALTILIO, P.E.
WILLIAM L. DEANE, P.E.

LARRY E. KERN, P.E.
LIONEL M. RODGERS, P.E.
ROBERT G. ROOK, P.E.
JOHN F. SCHEARER, Jr., P.E.
DONALD J. VIGNEAU, A.I.A.
CHARLES CAMERON, P.E.

TWO CHARLESGATE WEST
BOSTON, MASS. 02215
AREA CODE 617
266-0404

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
One City Hall Square
Boston, Massachusetts 02201

Re: Letter of Interest and
Statement of Qualifications
Subject: East Boston Harborside Development

Dear Sir:

In response to your notice appearing in the December 5, 1982 Boston Globe, Storch Associates is pleased to submit a letter of interest for subject project.

Storch Associates is a multi-disciplinary consulting firm providing services in master planning, architecture, landscape architecture and urban design; civil, structural, electrical, geotechnical, and traffic engineering. Associating with us is the architectural firm of John V. Emerson, A.I.A. and Mr. Karl B. Radov, development analyst and economist.

Storch Associates has extensive experience in the planning and design of mixed-use facilities and have completed numerous projects in East Boston and nearby communities. We were responsible for the initial site inventory and structural investigations for Piers 1-5 and the backland of this MASSPORT facility. Our familiarity with the site, its land and marine characteristics, will prove beneficial in the development of land use concepts.

For the Metropolitan District Commission we completed design of improvements to Constitution Beach in Orient Heights. For the City of Boston we developed a Recovery Action Plan to assess park, recreation and open space needs throughout the City which led to the design of improvements to Noyes Playground, Brophy Park, East Boston Memorial Stadium, and American Legion Playground, all in East Boston.

For the MDC we also completed the designs for the 26 acre waterfront park to be built at the Chelsea Naval Hospital coordinating our designs with the developers of the residential and commercial properties now under construction. This project has several elements in common with the proposed project including waterfront overlooks, access to the Mystic River and attractive granite and wood piers, docks and sea walls. Another similar project is Czescik Park Marina in Stamford, Connecticut which was designed as an ancillary facility to a condominium housing development overlooking Stamford Harbor. These projects are presented in more detail elsewhere in this submittal.

In conjunction with our extensive project experience in East Boston, Storch Associates has moderated over 50 public meetings in the community, and has represented the City of Boston on numerous matters of public concern in the development of overall planning efforts and final implementation.

Recent master planning and development efforts involve a $150 million residential, office and commercial development project in Morristown, NJ, for which we are now performing value engineering, structural engineering review and construction inspection on the developer's plans based on overall master plans which we prepared.

Mr. Emerson's efforts have been primarily related to the revitalization of Newburyport and Salem over the past 15 years especially on waterfront sites, having also served as planning consultant to those municipalities.

Mr. Radov has been most recently responsible for a market definition and analysis for the retail component of the Cambridge Center development, and a 2 million square foot mixed use project in Cambridge, Mass., and for a survey analysis of the office market in Revere, Mass. for the City of Revere. He has conducted market and financial feasibility studies for the Newburyport, Mass downtown-waterfront development project, a $67 million plan, and market analysis and impact studies for retail revitalization in downtown Pittsfield, Mass., Cleary Square in Boston, Coolidge Corner in Brookline, Mass. and for the central business district of New Rochelle, NY.

Storch Associates, together with our subconsultant's offer outstanding planning capabilities as well as a firm foundation in the pragmatic resolution of engineering problems. The firm's demonstrated ability to work with neighborhood concerns in the East Boston community will assure efficient resolution of planning parameters.

Very truly yours,

STORCH ASSOCIATES

Paul A. Levy, P.E.

JHW/rFd

STANDARD FORM 255
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harborside Development
MASSPORT Piers Nos. 1-5
Boston Redevelopment Authority
One City Hall Square
Boston, Massachusetts 02201

2a. *Commerce Business Daily* Announcement Date, if any:

N/A

2b. Agency Identification Number, if any:

N/A

3. Firm (or Joint-Venture) Name & Address

STORCH ASSOCIATES
Two Charlesgate West
Boston, Massachusetts 02215

3a. Name, Title & Telephone Number of Principal to Contact

Paul A. Levy, P.E. - Partner
Tel. (617) 266-0404

3b. Address of office to perform work, if different from Item 3

N/A

4. Personnel by Discipline:

13	Administrative	2	Electrical Engineers	___	Oceanographers
2	Architects	1	Estimators	2	Planners: Urban/Regional
___	Chemical Engineers	___	Geologists	1	Sanitary Engineers
21	Civil Engineers	2	Hydrologists	2	Soils Engineers
7	Construction Inspectors	___	Interior Designers	1	Specification Writers
16	Draftsmen	5	Landscape Architects	7	Structural Engineers
___	Ecologists	___	Mechanical Engineers	6	Surveyors
___	Economists	___	Mining Engineers	11	Transportation Engineers

1	(145) Foundation Engr.
3	(147) Highway Engineer
1	(148) Hydraulic Engineer
1	(183) Hazardous Waste Spc
1	(102) Railroad Spec.
___	
___	
106	Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no N/A

6. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) John V. Emerson, A.I.A. 9A Liberty Street Newburyport, Massachusetts 01950	Architectural Design	YES
2) Karl Radov 95 Mason Terrace Brookline, Massachusetts 02146	Development Analyst & Economist	YES
3)		
4)		
5)		
6)		
7)		
8)		

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Paul A. Levy, P.E., L.S.
Partner

b. Project Assignment:
Partner-In-Charge

c. Name of Firm with which associated:
STORCH ASSOCIATES

d. Years experience: With This Firm 11 With Other Firms 20

e. Education: Degree(s) / Year / Specialization

Franklin Technical Institute/1952/Cert. Civil Engineer.

f. Active Registration: Year First Registered/Discipline

1959/P.E.
1959/L.S.

g. Other Experience and Qualifications relevant to the proposed project: Recently, as Partner-In-Charge of the Massachusetts office of Storch Associates, Mr. Levy served as Project Manager for the preparation of a comprehensive utilities inventory of a 3-mile corridor for the Central Artery Project of the Mass. DPW. Mr. Levy also directed the structural and civil investigations for the MASSPORT Piers 1-5 Inventory and Analysis and the design of gravity and forced main storm drainage systems, water and other utility systems associated with over $200 million of civil engineering, transportation and recreational construction projects. His experience includes the preparation of environmental assessments for $250 million in community school complexes in Boston and engineering studies for transportation improvements in Chelsea and Everett.

a. Name & Title: Johannes H. Wagner, L.A.
Partner

b. Project Assignment:
Landscape Architecture
Urban Design, & Master Planning

c. Name of Firm with which associated:
STORCH ASSOCIATES

d. Years experience: With This Firm 11 With Other Firms 7

e. Education: Degree(s) / Years / Specialization
B.S./1953/Horticulture & Ornamental Floriculture/Cornell
B.L.A./1964/Landscape Architecture/U. Mass.
M.L.A./1969/Landscape Architecture/U. Mass.

f. Active Registration: Year First Registered/Discipline

1969/Landscape Architecture/N.Y.

g. Other Experience and Qualifications relevant to the proposed project: Mr. Wagner directed the feasibility analysis of the MASSPORT Piers #1-5 for Storch Associates and has served the City of Boston, MA as special consultant in the restoration of the Commonwealth Avenue Mall, the Public Garden and the Boston Common. He personally directed the Urban Heritage State Parks projects in North Adams and Gardner involving 10 million dollars in restoration to register properties, and has prepared site plans for Hilton Hotel complexes, shopping and retail centers and downtown revitalization programs in Norwood, Ashland, Framingham and Fields Corner and Jamaica Plain, Boston. He exhibits a unique ability to coordinate engineering aspects of a project with requirements for aesthetics and amenities in urban areas. His particular expertise involves the coordination of architectural and engineering works to create an integrated project.

...of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Herbert Storch, P.E., P.P., Partner Director of Geotechnical Engineering	a. Name & Title: Robert C. MacDonald Geotechnical Engineer
b. Project Assignment: Director of Geotechnical Engineering	b. Project Assignment: Project Geotechnical Engineer
c. Name of Firm with which associated: STORCH ASSOCIATES	c. Name of Firm with which associated: STORCH ASSOCIATES
d. Years experience: With This Firm 21 With Other Firms 12	d. Years experience: With This Firm 2 With Other Firms 8
e. Education: Degree(s) / Year / Specialization BCE/1948/Rennsselaer Poly. Inst./Civil Engineering MCE/1949/Rennsselaer Poly. Inst./Civil Engineering	e. Education: Degree(s) / Years / Specialization BSCE/1973/Civil Engineering/Washington University MBCE/1978/Soil Mechanics/Oklahoma State
f. Active Registration: Year First Registered/Discipline 1960/P.E.	f. Active Registration: Year First Registered/Discipline 1978/P.E.
g. Other Experience and Qualifications relevant to the proposed project: Mr. Storch has extensive experience in geotechnical analysis, subsurface explorations, stability analysis and foundation designs for various civil engineering works. He prepared performance specifications for the foundations and structures of public and private multi-story structures and parking garages. He conducted consolidation and beach stabilization studies, and dam seepage inspections and stability analyses relating to stabilizing structures in characteristically "weak" soils. He supervised the design of foundations for the 200 foot deep foundations for the MacKinac Straits Bridge, the world's longest suspension span at that time. Mr. Storch was in responsible charge of geotechnical engineering for 135 mils and 133 bridges on the Connecticut Turnpike and conducted investigations and developed remedial measures to correct foundation deficiencies at the Thomas Jefferson Memorial.	g. Other Experience and Qualifications relevant to the proposed project: Mr. MacDonald worked as a Geotechnical Design Engineer for the St. Louis District of the U.S. Army Corps of Engineers for 7 years. Duties included field reconnaissance, interpretation of aerial photography and existing topographic and geologic maps for site evaluation, planning of foundation exploration and soil testing programs to include borings and test pits for the evaluation of existing conditions, foundation design, and field supervision of construction activities for numerous marina and harbor development projects. Mr. MacDonald's more recent experience includes the design of geotechnical aspects for the relocation of Route 57 in Agawam, MA including 5.7 miles of new roadway and four bridge structures and the geotechnical analysis and design for the Chelsea Naval Hospital Park Redevelopment, site and buildings.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Joseph F. Libuda, P.E.
Partner

b. Project Assignment:
Project Civil Engineer

c. Name of Firm with which associated:
STORCH ASSOCIATES

d. Years experience: With This Firm 10 With Other Firms 8

e. Education: Degree(s) / Year / Specialization
BSCE/1965/Northeastern University/Civil Engineering
MSCE/1969/Northeastern University/Civil Engineering

f. Active Registration: Year First Registered/Discipline
1970/P.E.

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Libuda previously completed two open end contracts for the New England Division of the Corps of Engineers involving reservoir analysis, coastal resource studies, hydrographic mapping, geotechnical studies, hydraulic analysis, beach stabilization procedures. Mr. Libuda has served as project manager responsible for the preliminary and final design of numerous engineering projects including hydrologic and hydraulic analysis, utility system design, surveying, drainage design, flood plain studies, construction supervision, site master planning and technical writing.

Mr. Libuda serves as Project Engineer for the Fafard Development Company and has completed traffic and civil designs for Ledgemere Country, a condominium development in Ashland, and Franklin Village in Franklin, Massachusetts.

a. Name & Title: Donald J. Vigneau, A.I.A.

b. Project Assignment:
Project Architect

c. Name of Firm with which associated:
STORCH ASSOCIATES

d. Years experience: With This Firm 2 With Other Firms 18

e. Education: Degree(s) / Years / Specialization
Bachelor of Architectur/1961

f. Active Registration: Year First Registered/Discipline
1967/Architecture

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Vigneau has 19 years' experience in housing, commercial, industrial and municipal architecture design. He has designed award winning condominium projects in Branford and Glastonbury, CT, the Foxrun Mall Shopping Center in Glastonbury, CT and is directing a facade renovation program in historic Sag Harbor, NY. Mr. Vigneau has been involved with an open-end contract for rehabilitation/modification of various postal facilities for the United States Postal Service and the modification of State Supreme Courthouses.

7 Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Arturo Serrano, A.I.A.	a. Name & Title: Bruce A. Lavallee
b. Project Assignment: Architect	b. Project Assignment: Architectural Designer
c. Name of Firm with which associated STORCH ASSOCIATES	c. Name of Firm with which associated: STORCH ASSOCIATES
d. Years experience: With This Firm 0 With Other Firms 22	d. Years experience: With This Firm 1 With Other Firms 11
e. Education Degree(s) / Year / Specialization MS/1956/Architecture	e. Education: Degree(s) / Years / Specialization Boston Architectural Center (Three Years)
f. Active Registration: Year First Registered/Discipline 1975/Architect/A.I.A.	f. Active Registration: Year First Registered/Discipline None
g. Other Experience and Qualifications relevant to the proposed project: Mr. Serrano's professional background and experience comprise a variety of office structures from manufacturing buildings to complicated laboratory facilities. A thorough understanding on practical knowledge of all the disciplines involved in building design and construction, parallel to articulate communication skills allow him to handle any project with authority and ease. Representative projects designed and directed by Mr. Serrano include multi-million dollar manufacturing facilities, office buildings, hotels, research and development laboratories, housing developments, airport buildings, and facilities as well as other projects under the jurisdiction of the Corps of Engineers.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Lavallee has, throughout his professional life, been intensely involved with architectural and mechanical design and drafting of building systems. He has completed heating and electrical load requirements for new and rehabilitated buildings, designed schools, retail stores and garages. His residential design experience has included apartments, dormitories, condominiums and single-family dwellings. Other recent projects include complete building system design of Building #116 and #113 integrated target facilities for the Naval Underwater Systems Center, Newport, Rhode Island. Experience on other Department of Defense buildings include new design of 3,500 psi high-pressure air systems for Naval Personnel Training and new water filtration equipment for Test Holding and Drop Tank Training Facilities.

7. Brief Re[illegible] of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Lawrence D. Warner, P.E.	a. Name & Title: Joel S. Lunger
b. Project Assignment: Supervising Structural Engineer	b. Project Assignment: Structural Engineer
c. Name of Firm with which associated: STORCH ASSOCIATES	c. Name of Firm with which associated: STORCH ASSOCIATES
d. Years experience: With This Firm 2 With Other Firms 20	d. Years experience: With This Firm 2 With Other Firms --
e. Education: Degree(s) / Year / Specialization B.S./1959/Civil Engineering M.S./1971/Civil Engineering	e. Education: Degree(s) / Years / Specialization B.S./1980/Civil Engineering M.S./Present/Civil Engineering
f. Active Registration: Year First Registered/Discipline 1969/Structural Engineer/P.E.	f. Active Registration: Year First Registered/Discipline 1980/Engineer-In-Training
g. Other Experience and Qualifications relevant to the proposed project: Mr. Warner has over 20 years' experience in the design cost estimating and construction inspection of new and rehabilitated building, transit, marine, bridge, wall and tunnel structures for the Massachusetts Department of Public Works, Portsmouth, New Hampshire Naval Shipyard, Metropolitan District Commission, Boston Redevelopment Authority and others. He has designed numerous public buildings for schools and hospitals, including the 10-story Harvard Health Building in Cambridge, Massachusetts. Recently, Mr. Warner has been responsible for inspection, design and coordination of architectural and structural plans and reports and schematic and preliminary designs of new and rehabilitated buildings and bridges (including seismic evaluation) for the Urban Heritage State Parks projects in Gardner and North Adams, Massachusetts.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Lunger has been responsible for the design of special structures for the Urban Heritage State Parks projects in Gardner and North Adams, Mass. In addition, he has inspected and rated (including Seismic Evaluation) existing steel bridges in North Adams, Mass., inspected existing steel and concrete bridges and wall structures for the Massachusetts Department of Public Works. He performed the field inspections for the East Boston Marine Terminal Project for MASSPORT to prepare structural assessments for future use. He also designed a wooden pile supported dock system for the Chelsea Naval Hospital Waterfront Park, and inspected the design borings, test pits and conditions of existing granite sea walls.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Joseph F. Merluzzo, P.E., Partner	a. Name & Title: Robert G. Rook, P.E., Associate Senior Engineer
b. Project Assignment: Hydraulic Engineering and Hydrology	b. Project Assignment: Utilities Engineer
c. Name of Firm with which associated: STORCH ASSOCIATES	c. Name of Firm with which associated: STORCH ASSOCIATES
d. Years experience: With This Firm 6 With Other Firms 12	d. Years experience: With This Firm 10 With Other Firms 8
e. Education: Degree(s) / Year / Specialization BSCE/1964/University of Rhode Island/Civil Engineering	e. Education: Degree(s) / Years / Specialization BSCE/1969/Northeastern University/Civil Engineering
f. Active Registration: Year First Registered/Discipline 1969/P.E.	f. Active Registration: Year First Registered/Discipline 1977/P.E.
g. Other Experience and Qualifications relevant to the proposed project: Mr. Merluzzo has been personally responsible for directing a wide variety of civil, hydraulic and environmental engineering projects. These include a 40 m.g.d. sewage treatment plant in New Haven, Conn., a water filtration plant, a townwide storm drainage system study, and numerous sanitary sewer design projects. For these projects, he was responsible for all design functions, which included significant hydraulics and drainage related analyses. Mr. Merluzzo's experience includes use of computer modeling techniques for the soultion of hydraulic engineering problems. Mr. Merluzzo is a member of the American Waterworks Association and the New England Water Pollution Control Association.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Rook has been responsible for the preparation of feasibility studies, final plans, contract specifications, cost estimates and supervision of construction for various utility, roadway and site planning projects including the design, preparation of contract documents and supervision of final construction of water distribution facilities in Quincy. Those projects included the design of cast iron mains connecting into 48" M.D.C. mains, the installation of metering systems and the design of service connections. He was responsible for the preparation of a comprehensive inventory of subsurface utilities in connection with the reconstruction and depression of the Central Artery (Interstate 93) in Boston and Cambridge, Mass. This project included extensive research and data collection, subsurface investigations and extensive liaison with public utility companies. He has been responsible for the development of design standards for the City of Boston, Parks and Recreation Department's water systems.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Peter F. Jackson	a. Name & Title: Karl B. Radov
b. Project Assignment: Urban Planner	b. Project Assignment: Financial Planner & Economist
c. Name of Firm with which associated: STORCH ASSOCIATES	c. Name of Firm with which associated: Individual Consultant
d. Years experience: With This Firm 1 With Other Firms 4	d. Years experience: With This Firm 8 With Other Firms 15
e. Education: Degree(s) / Year / Specialization B.A. Psychology/1974 M. Landscape Architecture/1978	e. Education: Degree(s) / Years / Specialization 1964/Economics/ Ph.D. Candidate - without thesis 1959/AB/Philosophy, Economics
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline N/A
g. Other Experience and Qualifications relevant to the proposed project: Mr. Jackson has extensive experience in the master planning and design of downtown business district revitalization having served as project planner for several pedestrian malls, parking, and central business district land use studies. In a recent project Mr. Jackson was Project Manager for an urban revitalization/streetscape design project encompassing traffic and parking improvements, development of a pedestrian network, sidewalks, street trees, and street furnishings. For this study he also developed design guidelines for facade and signage improvements for downtown businesses. His master plans for the Red River Gorge Geological Area in Kentucky and Franconia Notch State Park involved the careful analysis of economic, social and physical characteristics of various alternatives studied.	g. Other Experience and Qualifications relevant to the proposed project: Karl B. Radov is a consulting economist specializing in real estate development, urban planning, urban design, and community development. After several years of teaching and research at DePaul University and the University of California, where he specialized in public finance and urban economics, he joined the staff of Abt Associates as a senior economist. While there he directed and participated in research and consulting projects for the U.S. Dept. of Labor, HUD, & NASA, applying systems analysis and management consulting techniques to a variety of urban development and human services development problems. He conducted market and financial feasibility studies for the Newburyport, MA downtown waterfront development project, a $67 million plan. He works regularly as part of real estate development and urban planning teams, serving as both lead economist and as social science consultant.

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg. (41 CFR) 1-18.803

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: John V. Emerson, A.I.A.	a. Name & Title: David A. Kinnecom, P.E. Senior Engineer/Planner
b. Project Assignment: Project Architect & Development Consultant	b. Project Assignment: Environmental Studies
c. Name of Firm with which associated: Three Associates d.b.a. John V. Emerson	c. Name of Firm with which associated: STORCH ASSOCIATES
d. Years experience: With This Firm 9 With Other Firms 18	d. Years experience: With This Firm 3 With Other Firms 7
e. Education: Degree(s) / Year / Specialization BArch. - M.Arch/1955	e. Education: Degree(s) / Years / Specialization B.S./1972/Cornell University Civil Engineering; Minor City & Regional Planning Graduate Study/1975/MIT/Civil Engineering
f. Active Registration: Year First Registered/Discipline 1967/Architecture/Mass.	f. Active Registration: Year First Registered/Discipline 1978/P.E.
g. Other Experience and Qualifications relevant to the proposed project: Refer to enclosed firm resume	g. Other Experience and Qualifications relevant to the proposed project: Mr. Kinnecom has over 10 years of professional experience in feasibility studies, environmental studies, planning and design of a wide variety of public works projects. These have included highways, shopping centers, airports, urban renewal areas, housing developments and port marina projects. Formerly as a Project Engineer for the Planning Division of a State Transportation Dept. he was responsible for areawide transportation planning studies, highway route location studies, and comprehensive Environment Impact Statements for highways, bridge and airport projects. At Storch Associates, Mr. Kinnecom has been responsible for various reports and environmental studies including the Wayne Township Urban renewal area, Franklin (Mass.) Village Shopping Center, and the complex Urban Heritage Parks at North Adams and Gardner, MA. He is certified as an air and noise quality expert and contributes to numerous environmental analyses which we perform.

Standard Form 255 July 1975

15 December 1982

Mr. Robert J. Ryan, Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

RE: Letter of Interest and Statements of Qualifications to undertake Master Planning Consulting Services sought for Boston Harbor Development Site.

DEC 15 1982

Gentlemen:

Pursuant to your solicitation for professional services required for the Boston Harbor Development Project, we are pleased to submit this letter of interest and enclose background data.

Our proposed project team is a Boston based organization offering a full range of services in Architecture, Urban Design and Planning, Structural, Mechanical and Electrical Engineering,Transportation Engineering, and Market Feasibility. The proposed project team combines all the resources necessary to fulfill and exceed all the requirements for this project.

The principal firms have a successful history of accomplishments in their particular areas of expertise and ability of productive cooperation. The key personnel, which would be assigned to this project, consist of highly qualified and experienced individuals acquainted and experienced with all applicable Federal and State regulations and guidelines.

We submit these credentials with sincere appreciation for the opportunity of being considered.

Respectfully yours,

Warren Freedenfeld, AIA

Emile Friedrich Miller, 2nd

STANDARD FORM (SF) 255
Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harborside Project
East Boston, Mass Port Piers 1-5

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

Warren Freedenfeld & Associates
148 State Street Suite 1000
Boston, MA 02109

Emile Friedrich Miller
Urban Design Studio
29 Cottage Ave, Suite - 3
Quincy, MA 02169

3a. Name, Title & Telephone Number of Principal to Contact

Warren Freedenfeld
(617) 720-1660

Emile Friedrich Miller
(617) 471-5200

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

4 Administrative	___ Electrical Engineers	___ Oceanographers	CONSULTANTS
2 Architects	1 Estimators	2 Planners: Urban/Regional	3 Structural
___ Chemical Engineers	___ Geologists	___ Sanitary Engineers	2 HVAC
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	2 Electrical
___ Construction Inspectors	1 Interior Designers	1 Specification Writers	3 Transportation
5 Draftsmen	1 Landscape Architects	___ Structural Engineers	1 Waterfront Engineer
___ Ecologists	___ Mechanical Engineers	___ Surveyors	2 Marketing/Financial
___ Economists	___ Mining Engineers	___ Transportation Engineers	30 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

Warren Freedenfeld & Associates: Architectrual, Administrative, Technical and Financial

Emile F. Miller, Urban Design Studio: Urban Design and Planning

a. Has this Joint-Venture previously worked together? ☐ yes ☒ no

6 Outside Key [illegible]ultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
Zaldastani Associates, Inc. 7 Water Street Boston, MA 02109	Structural	Yes
C. A. Crowley Engineering, Inc. 40-48 North Main Street Middleboro, MA 02346	Mechanical/Electrical	Yes
Vanasse/Hangen Associates, Inc. 184 High Street Boston, MA 02110	Transportation, Traffic Engineering Civil/Waterfront Engineering	Yes

ef Resume of ... ons, Specialists, and Individual Consultants Anticipated for this ... ct

me & Title: Warren Freedenfeld, President

a. Name & Title:

oject Assignment: Design Architect

b. Project Assignment:

me of Firm with which associated:
Warren Freedenfeld & Associates
148 State Street Suite 1000
Boston, MA 02109

c. Name of Firm with which associated:

ars experience: With This Firm 7 With Other Firms 5

d. Years experience: With This Firm ___ With Other Firms ___

ucation: Degree(s) / Year / Specialization
Bachelor of Arts w/Major in Architecture - 1969
Bachelor of Architecture - 1970

e. Education: Degree(s) / Years / Specialization

tive Registration: Year First Registered/Discipline
Mass (No. 3538) - 8/23/73
N.H. (No. 1068) - 9/23/78
N.J. (No. 7422) - 3/08/79
N.Y. (No.14160) - 2/23/79
Penn (No. 8976) - 4/30/82
VT (No. 966) -12/07/76

f. Active Registration: Year First Registered/Discipline

her Experience and Qualifications relevant to the oposed project:

NCARB Registration NO. 15026
American Institute of Architects
Boston Society of Architects

g. Other Experience and Qualifications relevant to the proposed project:

EMILE FRIEDRICH MILLER, 2ND
PRINCIPAL ARCHITECT

a. Name & Title:

b. Project Assignment:
PRINCIPAL URBAN DESIGNER

b. Project Assignment:

c. Name of Firm with which associated:
EMILE FRIEDRICH MILLER
URBAN DESIGN STUDIO

c. Name of Firm with which associated:

d. Years experience: With This Firm 2 With Other Firms 12

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Year / Specialization

1968 - Masters of Architecture, IT Prague Czechoslovakia
1982 - Masters of Architecture in Urban Design
Harvard University Graduate School of Design

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

State of Minnesota # 12360 - 1977 , Architect
Massachusetts pending

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

International experience in Architecture and Urban Design
Typical assigments : Architect-in-Charge, Urban Designer-in-Charge, and Coordinating Planner in private and public sector

g. Other Experience and Qualifications relevant to the proposed project:

Name & Title: Othar Zaldastani, Phd.	Name & Title:
Project Assignment: Project Structural Engineer	b. Project Assignment:
Name of Firm with which associated: Zaldastani Associates, Inc.	c. Name of Firm with which associated:
Years experience: With This Firm 38 With Other Firms 0	d. Years experience: With This Firm ___ With Other Firms ___
Education: Degree(s) / Year / Specialization Phd 1950 Engineering	e. Education: Degree(s) / Years / Specialization
Active Registration: Year First Registered/Discipline 1955 Mass. Reg. Structural	f. Active Registration: Year First Registered/Discipline
Other Experience and Qualifications relevant to the proposed project: Zaldastani Associates is one of New Englands leading authorities in the area of structural engineering. The firm has received honor awards in 1968 and again in 1973 from the Pre-Stressed Concrete Institute , 1972 award for Engineering Excellence from the N.E. Consulting Engineer Council and again in 1973 from the American Institute of Steel and 1975 from the Concrete Reif. Steel Institute. The firms academic contributions are too numerous to list. Some of the projects the firm has completed are: The South Postal Annex, Boston, Mass., The Worchester Post Office, Worchester, Mass. Logan Air Port, and Investigative Report on 2000 Commonwealth Ave., Boston, Mass. The firm enjoys an international reputation for excellence in structural design including projects located throughout the Middle East.	g. Other Experience and Qualifications relevant to the proposed project:

Name & Title: [redacted]les A. Crowley, Jr., President Chief Mechanical Engineer	Name & Title: Michael J. Hickey, Principal Chief Plumbing/Fire Protection Engineer
Project Assignment: Project HVAC Engineer Chief	b. Project Assignment: Project Plumbing/Fire Protection Chief
Name of Firm with which associated: C. A. Crowley Engineering, Inc.	c. Name of Firm with which associated: C. A. Crowley Engineering, Inc.
Years experience: With This Firm 7 With Other Firms 20	d. Years experience: With This Firm 6 With Other Firms 8
Education: Degree(s) / Year / Specialization Bach. Science - 1952 - Business Administration	e. Education: Degree(s) / Years / Specialization Bach. Science - 1970 - Civil Engineering
Active Registration: Year First Registered/Discipline 1961 - Massachusetts PE	f. Active Registration: Year First Registered/Discipline 1974 - Massachusetts PE
Other Experience and Qualifications relevant to the proposed project: Graduated from Boston College, attended M.I.T. and Northeastern University Center, Mr. Crowley was a consultant for M.I.T. Graduate School of Architecture for 4 years.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Hickey's experience is in the design, specification writing and construction observation of Plumbing, Fire Protection, and Site Utilities Systems. This experience has been utilized in the design of Medical-Research complexes, parking garages, office buildings, college campuses and schools, and industrial, municipal, cultural and specialized projects.

f Electrical Engineer	Name & Title:
Project Assignment: Chief Electrical Engineer	b. Project Assignment:
Name of Firm with which associated: C.A. Crowley Engineering, Inc.	c. Name of Firm with which associated:
Years experience: With This Firm 1 With Other Firms 17	d. Years experience: With This Firm ___ With Other Firms ___
Education: Degree(s) / Year / Specialization 1964 Northeastern University, BSEE	e. Education: Degree(s) / Years / Specialization
Active Registration: Year First Registered/Discipline Registered Electrical Engineer in Massachusetts	f. Active Registration: Year First Registered/Discipline
Other Experience and Qualifications relevant to the proposed project:	g. Other Experience and Qualifications relevant to the proposed project:

a. Name & Title:

Richard E. Hangen, Principal

b. Project Assignment:

Transportation, Traffic Engineering, Parking

Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

Years experience: With This Firm 4 With Other Firms 15

Education: Degree(s) / Year / Specialization

B.S., 1963, Civil Engineering
M.S., 1967, Civil Engineering

Active Registration: Year First Registered/Discipline

1968, P.E., Civil Engineering

Other Experience and Qualifications relevant to the proposed project: Mr. Hangen has directed many comprehensive transportation studies, traffic engineering, highway and parking design projects in densely developed corridors and cities in northeast United States. He directed the Vehicular Access Study of access-egress between Logan International Airport and the East Boston community, including the impact of the Bird Island Flats development at Logan. He has extensive involvement in economic revitalization plans for business districts throughout New England including: Boston's Auto Restricted Zone; Fitchburg, Gloucester, Lawrence, Lowell, Medford, Salem, Webster & Weymouth in Mass.; Lewiston/Auburn and Portland, Maine. He directed the firm's efforts on impact studies for major land developments including: Harvard Sq., Cambridge; Red Sox Parking/Neighborhood Impact; alternative sites for multi-purpose stadiums for Minnesota Vikings/Twins; Newton Corner; MIT Northwest Parcel; Commercial St./Waterfront, Portland, Maine; and numerous shopping malls, industrial parks, hospital expansions & major residential and hotel developments.

a. Name & Title:

William J. Scully

b. Project Assignment:

Transportation, Traffic Engineering, Parking

c. Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 1.5 With Other Firms 3.5

e. Education: Degree(s) / Years / Specialization

B.S., 1977, Civil Engineering

f. Active Registration: Year First Registered/Discipline

1982, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project: Mr. Scully joined Vanasse/Hangen after several years with the New York Dept. of Transportation. His traffic circulation/impact analysis/parking studies include projects in Albany, Buffalo, Saratoga, Syracuse and Utica, New York; the Vehicular Access Study of access-egress between Logan International Airport and East Boston including the impact of the Bird Island Flats development; circulation patterns and parking in several Massachusetts communities, Connecticut, Maine and Florida. He has been responsible for developing trip generation models and forecasting trip distribution and travel for short and long range systems development, as well as developing socio-economic forecasts. He has been involved in community participation programs and various impact studies of commercial/industrial/real estate developments.

Name & Title:
David A. Bohn, P.E.
Project Manager

Project Assignment:
Transportation/Traffic Assignment

Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

Years experience: With This Firm 3 With Other Firms 1

Education: Degree(s) / Year / Specialization
B.S., 1978, Civil Engineering; M.S., 1979, Civil Engineering, University of Massachusetts

Active Registration: Year First Registered/Discipline
1982, P.E., Civil Engineering

Other Experience and Qualifications relevant to the proposed project:
Mr. Bohn has had a wide variety of traffic engineering and transportation study experience. He played a prominent part in Vanasse/Hangen's Roadway Planning and Priority Programming study for Nantucket, developing an initial $3 million program plus a 10 year continuing program. He has participated in traffic engineering and highway operation studies in Acton, Brockton, Concord, Kingston, Plymouth and Somerville, MA; Windsor, CT; and Merrimack, NH. He is coordinating a Corridor Planning Study of Middlesex Turnpike and Route 3 in Burlington, MA. Business district revitalization studies include Concord and Springfield, MA and Portland, ME. Environmental impact studies include Commonwealth Pier, Boston; Heritage State Park, Fall River; Parcel 1B, Harvard Square Cambridge; Winchester Hospital, MA. He has conducted transit planning studies, parking studies in several cities, and traffic & parking studies for the expansion of many hospitals.

a. Name & Title:
Robert S. Brustlin, P.E.
Principal

b. Project Assignment:
Civil/Waterfront Engineering

c. Name of Firm with which associated:
Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 3 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
B.S. and A.B., 1974, Civil Engineering and Engineering Economics; 1976, MLA (Landscape Architecture), Harvard Graduate School of Design

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Brustlin is in charge of all Vanasse/Hangen highway design, site development, landscape architecture and surveying crews. Major highway design includes Route 101 in New Hampshire and I-95 safety improvements in Connecticut. Urban Systems design includes Main St., Nashua, NH; Assembly Square, Somerville; Medford Square, Ring Road & Transit Mall; Maynard Central Business District; Middlesex Turnpike, Burlington and many others. Mr. Brustlin has also supervised Type 5 flood studies (Adams and No. Adams, MA), drainage systems (MDC's Forest Hills Overpass, while with another firm); recreation impact (Big River Reservoir, R.I.); coastal design (Portland, ME Harbor Debris Study; Buttermilk Bay Channel Bourne, MA; Wells Harbor, ME); lake construction (Stratton Mt., Lake & Dam, VT; West Hill Reservoir, VT); site development, grading, drainage and all utilities for many corporations.

William J. Roache, P.E., Vice President

Project Assignment:

Level of Project Development, Project Planning, Highway Capacity Analysis

Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

Years experience: With This Firm 4 With Other Firms 3

Education: Degree(s) / Year / Specialization

B.S., 1975, Civil Engineering; M.S., 1977, Transportation Engineering, The Transportation Institute, Penn. State University

Active Registration: Year First Registered/Discipline

1980, P.E., Civil Engineering

Other Experience and Qualifications relevant to the proposed project:

Mr. Roache is in charge of most Vanasse/Hangen transportation and traffic engineering studies, involving capacity and safety analysis, improved geometric design, installation and timing of traffic control devices, parking supply and management, bus and transit studies. He is in charge of the current Transportation Systems Management studies, including signalization at 138 intersections, for the Portland, ME Area Comprehensive Transportation Study (PACTS) and Lewiston-Auburn, ME (LACTS); the Boston parking Study with Cambridge Systematics, Inc.; Middlesex Turnpike - Route 3 Corridor Planning Study, Burlington, Bedford and Billerica, MA. Previous studies include the impact of the Revere Beach Connector; updating the Eastern MA Regional Highway Network; urban traffic & parking revitalization studies in Attleboro, Dartmouth, Gloucester, Maynard, Milford, Natick, Norwood, Salem and Somerville (Assembly Sq.), MA.

a. Name & Title:

John J. Kennedy, P.E.
Associate

b. Project Assignment:

Transportation Systems Management

c. Name of Firm with which associated:

Vanasse/Hangen Associates, Inc.

d. Years experience: With This Firm 4 With Other Firms 6

e. Education: Degree(s) / Year / Specialization

B.S., 1972, Civil Engineering, Northeastern University, Northwestern University Short Courses; Urban Street System Design,1976; Traffic Signal Systems, 1978

f Active Registration: Year First Registered/Discipline

1978, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Kennedy has participated in studies of MDC Parkways including the Lynnway and Storrow Drive/Soldiers Field Road. Studies of other major arterials include U.S. Route 1 North in Saugus and Burlington Mall Road, MA; Daniel Webster Highway and Amherst St., Nashua, NH; Delaware Ave. San Mateo, CA. He assisted in the Boston Transportation Planning Review with analysis of the Sumner-Callahan Tunnel, Northwest Corridor and Central Artery study areas In recent years, he has directed Vanasse/Hangen studies i traffic signalization including 138 locations in Portland and Lewiston-Auburn, ME; Chicopee, Gloucester, Newburyport Norwood and Salem, MA. Sanford, ME; White Plains, NY. Mr. Kennedy has also participated in transportation and environmental impact studies for bicentennial parking facilities in the District of Columbia, Maryland and Virginia; a Sports Center Complex in Baltimore, planned unit developments and shopping malls in Mass. and New Hampshire.

(List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (In thousands) Entire Project	Work for which Firm was/is responsible
Urban Design Concept Pschoobrau Munich, W.G.	Urban Design Study Analysis: Architectural Schematics	Pschoobrau GMBH. Munich, West Germany	1974	40,000	15%
Midtown San Antonio, TX	Urban Design Proposal	Space Center Inc. St. Paul, MN	est. 1972	15,000	50%
New Town Jonathan Phase II	Urban Design Proposal	Jonathan Corporation Chaska, MN	1974	25,000	100%
Commercial Center Red Lake, MN	Architecural & Urban Design Schematics	Red Lake Indian Reservation Red Lake, MN	1979	1,500	100%
Stiglmayerplatz Urban Design Study	Urban Design Study Architectural Design Schematics	Planning Department City of Munich, W Germany	est. 1972	10,000	25%
Mishuwam Center Mishuwam Road, Route 128 Woburn, MA	Architectural and Engineering Design	Arnold Orleans 5272 River Rd Suite 760 Bethesda, MD 20016	Dec 1984	18,000	100%
Appleton Court 30 Appleton Street South End, Boston	Renovate 2 existing schools into residen- tial condominiums.	James F. Sullivan One Boston Place Boston, MA 02108	June 1984	4,236	100%
Kenney Building 46 Milk Street Boston, MA 02109	Provide Architecture & Engineering for base building	McCormack Family Trust 225 Franklin St Suite 1100 Boston, MA 02210	Aug 1983	1,500	100%
North End Condominiums Commercial Street Boston, MA	Provide Architectural and Engineering Design for 42 Residential living units & parking	Post Properties, Inc. 294 Harvard Street Brookline, MA 02146	July 1984	7,500	100%
Rock Square Mall Faneuil Hall Parking Garage Boston, MA	Design the ground floor Retail Shelf space of the Parcel E-8 Parking Garage	James F. Sullivan One Boston Place Boston, MA 02108	Feb 1981	104	100%

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
No work for Federal Agencies					

The Joint Venture Team of Warren Freedenfeld & Associates P.C./Emile Friedrich Miller Urban Design Studio, along with the prime and specialty consultants, is a full service " design team " of architectural, urban design and planning , and engineering specialists with outstanding experience to provide the services required for the successful execution of the proposed project.

The proposed " design team " has the manpower and experience necessary to provide diverse, large scale architectural, urban design and planning, structural, mechanical and electrical, transportation, and market and feasibility services throughout the entire planning process.

Our team is truly diverse in experience on multiple project types and requirements. The combination of in-house abilities, as well as those of the consultant firms enables us to complete all our assignments to the full satisfaction of the set requirements.

...he foregoing is a statement of facts.

...ture

Typed Name and Title: Warren Freedenfeld President
Emile F.Miller 2nd,Principal

Date: 15 December 1982

VTN CONSOLIDATED, INC.

77 North Washington Street
Boston, Massachusetts 02114

P.O. Box 8126
Telephone: (617) 227-6666

December 15, 1982

DEC 15 1982

Mr. Robert J. Ryan
Director
Boston Redevelopment Authority
1 City Hall Square
Boston, Massachusetts 02201

Dear Mr. Ryan:

VTN Consolidated, Inc., in association with Welton Becket Associates, Moffatt & Nichol, Engineers, Williams Kuelbelbeck & Associates, Thomas Planning Services and Park Square Associates, Inc., is pleased to submit a statement of qualifications for the East Boston Harbor Side Master Plan study. We have assembled a multi-disciplinary consulting team with international credentials in urban waterfront redevelopment expertise. Not only are the individual firms experienced in redevelopment projects, but collectively the firms have already functioned as an experienced team.

We feel that the experience offered by the member firms makes our team uniquely qualified for the following reasons:

VTN is a comprehensive, multi-service engineering/architectural/environmental/planning firm internationally known for our team management and public participation capabilities and will provide the strong local presence required for the East Boston Harborside Project. The VTN project director, Herman Singer, with his extensive waterfront development experience, will provide the necessary guidance to ensure that the key issues of engineering, funding, development phasing and circulation are resolved as the full range of design and multi-use alternatives are explored in detail.

Welton Becket Associates is an internationally recognized leader in master planning and mixed-use development. Welton Becket can point to numerous urban development projects, particularly a 210 acre waterfront site in Jersey City, located on the Hudson River opposite the World Trade Towers. The site with its magnificent vistas of the Manhattan skyline will consist of a 1,5000,000 SF shopping mall with four anchor department stores, 10-12 million square feet of commercial office buildings, two 600-room convention hotels and 12,000 residential condominium units. The waterfront areas will contain recreational-marina facilities as well as low-rise residential units to preserve the views for residents and tenants of the project. Welton Becket Associates is now working on the design of the first buildings for Harbour City.

Some of Welton Becket's local projects include Center Plaza, Boston; State Street South, Quincy; and Worcester Center, Worcester.

Moffatt & Nichol, Engineers offer a complete capability in marine, harbor and coastal engineering feasibility and design. The City of Long Beach, CA selected M & N to prepare the feasibility study and final design for the downtown area of Long Beach which consists of two separate small craft harbors. The Shoreline Harbor Marina utilizes a basin constructed several years earlier and includes 130 public rental slips equipped with water, power and electrical services, guest dock and boat pump-out facilities. The adjacent Downtown Shoreline Marina consists of a large new basin containing 1694 public rental slips also equipped with utility services. The basin area includes guest dock, pump-out and fueling dock facilities and land-based support facilities such as utilities, roads, parking and bicycle trails. The City is also providing rest-rooms, administration building, landscaped areas and fishing platforms.

These marinas are a focal point of the multi-faceted shoreline recreational complex taking shape along the shoreline of downtown Long Beach.

Williams & Kuelbelbeck & Associates, Inc. specialists in harbor and water-front property planning programs will provide harbor and waterfront real estate economic, financial, and management consulting. Services in this specialized area include market analysis and counseling, financial analysis and planning, operating analysis, economic impact assessment, leasing advisory services, and general management consultation.

An applicable project is the market study and financial feasibility analysis they conducted for the Inner Harbor Condominium Marine Project in Baltimore, Maryland.

Thomas Planning Services, Inc. will provide intimate knowledge of the East Boston waterfront area due to prior waterfront planning and design work with Boston Harbor.

Park Square Associates have worked closely with the BRA and have superb knowledge of the intrastructure of the area.

We appreciate the opportunity to submit this statement of qualification and look forward to discussing our development concepts with you.

We will be glad to accomodate any additional consulting services that the BRA may feel are necessary to complete the job in the most satisfactory manner.

Very truly yours,

VTN CONSOLIDATED, INC.

William V. Chisholm, P.E.
Assistant Vice President

WVC/ds

Enclosure

FORM 255

Architect-Engineer Related Services for Specific Project

1. Project Name / Location for which Firm is Filing:

East Boston Harbor Side

Master Planning Services

2a. *Commerce Business Daily* Announcement Date, if any:

–

2b. Agency Identification Number, if any:

–

3. Firm (or Joint-Venture) Name & Address

VTN Consolidated, Inc.
77 North Washington Street
P.O. Box 8126
Boston, MA 02114

3a. Name, Title & Telephone Number of Principal to Contact

William V. Chisholm, Assistant Vice President
(617) 227-6666

3b. Address of office to perform work, if different from Item 3

–

4. Personnel by Discipline:

1 Administrative	1 Electrical Engineers	Oceanographers	1 Environmental Engin
Architects	1 Estimators	2 Planners: Urban/Regional	1 Computer Programmer
Chemical Engineers	Geologists	1 Sanitary Engineers	1 Photothechnician
2 Civil Engineers	Hydrologists	1 Soils Engineers	1 Environmental Scient
2 Construction Inspectors	Interior Designers	1 Specification Writers	
3 Draftsmen	1 Landscape Architects	1 Structural Engineers	
1 Ecologists	Mechanical Engineers	2 Surveyors	
Economists	Mining Engineers	1 Transportation Engineers	24 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Consultants/Associates Anticipated for this Project (Attach S... for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked wi Prime befc (Yes or No
1) Welton Becket Associates 200 Madison Avenue New York, New York 10016	Master planning, mixed use development	Yes
2) Moffatt & Nichol, Engineers P.O. Box 7707 250 West Wardlow Road Long Beach, California 90807	Harbor engineering	Yes
3) Williams, Kuebelbeck & Associates, Inc. 1780 Sky Park Circle Suite 108 Irvine, California 92714	Real estate economic, financial, and management analysis	Yes
4) Thomas Planning Services, Inc. 46 Church Street Boston, Massachusetts 02116	Boston waterfront land use	Yes
5) Park Square Associates, Inc. Statler Office Building 20 Providence Street Boston, Massachusetts 02116	Boston infrastructure	Yes
6)		
7)		
8)		

Standard Form 255 July 1975
Prescribed By GSA Fed. Proc. Reg (41 CFR) 1-16

a. Name & Title: James W. Durham
COASTAL ENGINEER - PRINCIPAL INVESTIGATOR
Moffatt & Nichol, Engineers

b. Project Assignment: Chief Coastal Engineer

c. Name of Firm with which associated:
Moffatt & Nichol, Engineers

d. Years experience: With This Firm 22 With Other Firms 31

e. Education: Degree(s) / Year / Specialization B.S.-Civil Engineering, California Institute of Technology, 1929. Course in Coastal Engineering, U.S. Beach Erosion Board, 1946.

f. Active Registration: Year First Registered/Discipline
C.E. - California
S.E. - California

g. Other Experience and Qualifications relevant to the proposed project:
As coastal engineer has participated in the planning, model tests and studies, and final engineering of waterfront projects both in the United States and abroad. He has authored eight technical papers in recent years on various subjects related to the design of harbor and shore protection works, and is senior co-author of the Corps of Engineers' manual SR-2: "Small-Craft Harbors: Design, Construction and Operation," Dec., 1974.

a. Name & Title: H. Richard Neill
CHIEF STRUCTURAL & SENIOR PROJECT ENGINEER
Moffatt & Nichol, Engineers

b. Project Assignment: Chief structural engineer for marina facilities

c. Name of Firm with which associated:
Moffatt & Nichol, Engineers

d. Years experience: With This Firm 25 With Other Firms 0

e. Education: Degree(s) / Years / Specialization B.S.-Mathematics, California State Polytechnic College, 1956. B.S. Engineering, California State Polytechnic College, 1957.

f. Active Registration: Year First Registered/Discipline
C.E. - California P.E. - Hawaii
S.E. - California

g. Other Experience and Qualifications relevant to the proposed project:
Design engineer for such projects as offshore drilling platforms, bulk loading facilities, harbor wharves and piers, highway and railroad bridges, and a deep-water missile launch facility. As Chief Structural Engineer, responsible for the design of a high level cantilevered bridge, offshore carrier berthing facility, a pier subject to typhoon forces and other U.S. Navy projects, the structural design of the National City Container Terminal in San Diego, California, and checking structural design, field inspection and coordination of the 40 long ton portal container crane.

7. Brief Resume[illegible]ey Persons, Specialists, and Individual Consultants Anticipated

a. Name & Title:

Herman Singer, Project Manager
VIN, Consolidated, Inc.

b. Project Assignment:

Project Director

c. Name of Firm with which associated:

VIN Consolidated

d. Years experience: With This Firm 10 With Other Firms 15

e. Education: Degree(s) / Year / Specialization

City College of New York; BSCE

f. Active Registration: Year First Registered/Discipline

New York, California
NSPE, ASCE, AAPA

g. Other Experience and Qualifications relevant to the proposed project:

Marina facility planning experience includes four facilities for the State of New York, all of which had extensive land recreational adjuncts and two of which, the Albany Capital City Marina (210 berths) and the Irondequoit Bay Marina (500 berths), proceeded to the construction stage. Feasibility and financial analyses were performed for the Stamford (Connecticut) Land complex which included commercial, recreational, and apartment facilities as well as a complete boat repair yard and 600 berths. Key representative project the Master Plan for the Port of Los Angeles including enlargment of the harbor, marina facilities, marine technology, land use, economics and marketing; petroleum, LNG and other energy facilities; a new automated railroad classification yard and roadway support transportation; container, bulk and other materials handling systems; recreational facilities; and environmental analyses.

a. Name & Title:

Ronald Thompson, Urban/Regional Planner
VIN, Consolidated, Inc.

b. Project Assignment:

Chief Planner

c. Name of Firm with which associated:

VIN Consolidated, Inc.

d. Years experience: With This Firm 10 With Other Firms 15

e. Education: Degree(s) / Years / Specialization

B. Arch 1948
Dip. T.P. 1949 (Civil/Regional Planning)

f. Active Registration: Year First Registered/Discipline

American Planning Association

g. Other Experience and Qualifications relevant to the proposed project:

Over 25 years planning and administrative experience in local, regional, state, federal and consulting projects. Studies include urban and regional land use plans, feasibility studies, transportation and transit projects, Environmental Impact Statements, recreational and tourist area planning, energy studies and air quality reviews. Has prepared over 20 comprehensive plans in Washington, Montana, Oregon, California, Nevada and Idaho; major land developments including golf course, waterfront, residential and recreational area design. He also prepared shopping center and Central Business District plans including traffic studies and parking structures and was prime consultant to the State of Washington in the preparation of its Outdoor Recreational Plan and to other federal and municipal agencies.

7. [illegible] ne of Key Persons, Associate, and Individual Consultants Anticipated for this Project

a. Name & Title: Lawrence E. Williams, Jr. Principal Williams-Kuebelbeck & Associates, Inc.	a. Name & Title: James L. Kuebelbeck, Principal Williams-Kuebelbeck & Associates, In
b. Project Assignment: Manager of Williams-Kuebelbeck Group	b. Project Assignment: Chief Real Estate Economic and Financial Planner
c. Name of Firm with which associated: Williams-Kuebelbeck & Associates, Inc.	c. Name of Firm with which associated: Williams-Kuebelbeck & Associates, Ir
d. Years experience: With This Firm 16 With Other Firms 4	d. Years experience: With This Firm 18 With Other Firms ---
e. Education: Degree(s) / Year / Specialization B.S. Cornell University - Economics. Graduate studies in law and economics at Sacramento State College, UCLA and McGeorge College of Law.	e. Education: Degree(s) / Years / Specialization M.A. Economics, Sacramento State University Ph.D. program, U.S.C.
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Internationally known for his work in market, financial and management consulting to business and government regarding waterfront and commercial-recreation property development, small craft harbor planning and commercial port planning. Supervises economic, financial and management consulting assignments both domestically and abroad. Williams also provides specialized experience in urban land economics, capital improvement planning, private and public finance, property leasing and environmental economics.	g. Other Experience and Qualifications relevant to the proposed project: Responsible for major real estate economic and financial planning programs. He is a qualified expert in land use planning, propert valuation and real estate investment analysis and finance, and real estate development. Provides information to organizations and publ officials on land use planning and impacts on the physical, financial and fiscal resources.

a. Name & Title: David W. Beer - Senior Vice President, Director of Design Welton Becker Associates	a. Name & Title: Robert D. Nichol - Project Manager, Moffatt & Nichol, Engineers
b. Project Assignment: Director of Design	b. Project Assignment: Manager of Moffatt & Nichol Group
c. Name of Firm with which associated: Welton Becket	c. Name of Firm with which associated: Moffatt & Nichol, Engineers
d. Years experience: With This Firm 14 With Other Firms 6	d. Years experience: With This Firm 23 With Other Firms 0
e. Education: Degree(s) / Year / Specialization Harvard School of Design	e. Education: Degree(s) / Years / Specialization B.C.E.-Civil Engineering, University of Minnesota, 1959. B.S.-Agriculture, University of California, 1953.
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline P.E. - California, Illinois, Texas, Maryland, Idaho, Hawaii, Quebec Canada
g. Other Experience and Qualifications relevant to the proposed project: Relevant experience as director of design includes the master planning and design of retail, hotel, commercial office buildings and mixed-use projects including: Center Plaza — Boston, Mass. Worcester Center — Worcester, Mass. Sheraton Berlin — Berlin, Germany Bank of New York — New York, N.Y. Lafayette Centre (Phase II) — Washington, D.C. Hangzhou Hotels — Hangzhou, China Dravo Building — Pittsburgh, Pa. Buena Vista Palace Hotel — DisneyWorld, Fla. Great Wall Hotel — Beijing, China Akhenaton Village Hotel — Cairo, Egypt Houston Inter-Continental Hotel — Houston, Tex. Lafayette Centre (Phase I) — Washington, D.C.	g. Other Experience and Qualifications relevant to the proposed project: Extensive experience in phases of marine feasibility investigations, planning, design and on-site engineering and construction for development, governmental, and industrial engineering undertakings. Project engineer and manager in charge of over $20 million worth of earthwork, roads, utilities, bridges and harbor works for an 880-acre recreational marina. Project management for a $500 million project developing a new town in Canada that will house 50,000 people on an island on the St. Lawrence River near Montreal.

a. Name & Title: Henry H. Brennan - Senior Vice President, Director of New York Office Welton Becket Associates	a. Name & Title: Peter G. Gorman - Vice President Welton Becket Associates
b. Project Assignment: Project Coordinator for Welton Becket Group	b. Project Assignment: Project Director for Welton Becket Group
c. Name of Firm with which associated: Welton Becket	c. Name of Firm with which associated: Welton Becket
d. Years experience: With This Firm 20 With Other Firms 2	d. Years experience: With This Firm 13 With Other Firms 0
e. Education: Degree(s) / Year / Specialization University of Illinois, Architectural Engineering	e. Education: Degree(s) / Years / Specialization Rensselaer Polytechnic Institute, Architecture and Building Construction
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Experience encompasses the broad breadth of architecture including retail, hotel, office buildings, mixed-use complexes, educational and public assembly facilities. Some of the projects designed by the New York Office under his direction include: Center Plaza — Boston, Mass. Worcester Center — Worcester, Mass. Staten Island Mall — Staten Island, N.Y. Willowbrook Shopping Center — Paramus, N.J. Nassau Coliseum — Uniondale, N.Y. Sheraton Berlin — Berlin, Germany Bank of New York — New York, N.Y. Lafayette Centre (Phase II) — Washington, D.C.	g. Other Experience and Qualifications relevant to the proposed project: Experience encompasses the master planning and design of mixed-use complexes, hotels, office buildings, public assembly and governmental facilities including: Harbourside — Jersey City, N.J. Buena Vista Palace Hotel — DisneyWorld, Fla. Houston Inter-Continental Hotel — Houston, Tex. Washington D.C. Convention Center — Washington, D.C. Arya Sheraton — Tehran, Iran Vince Lombardy Field House — Fordham University, N New Jersey Historical Society — Jersey City, N.J. Kinshasa Inter-Continental Hotel — Kinshasa, Zaire New Queens High School — Corona, N.Y.

a. Name & Title: William H. Whitney Williams-Kuebelbeck & Associates, Inc.	a. Name & Title: Carol J. Thomas, Presiden Thomas Planning Services
b. Project Assignment: Urban land economics	b. Project Assignment: Manager of Thomas Planning Group
c. Name of Firm with which associated: Williams-Kuebelbeck & Associates, Inc.	c. Name of Firm with which associated: Thomas Planning Services
d. Years experience: With This Firm 10 With Other Firms 7	d. Years experience: With This Firm 4 With Other Firms 26
e. Education: Degree(s) / Year / Specialization Ph.D. University of California - Urban Land Economics	e. Education: Degree(s) / Years / Specialization A.B. Syracuse University - Political Science M.A. University of Connecticut - Public Adm. MIT Planning Courses
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: An expert in market evaluation studies for issues relating to central city urban redevelopment, Whitney provides consulting for regional and city master planning both nationally and internationally. He is a specialist in commercial land development programs for multi-family residential apartments and condominiums, shopping centers, heavy commercial facilities, hotels, restaurants, specialty retail facilities and commercial and special offices. His experience includes econometrics, economic theory and socioeconomic analysis.	g. Other Experience and Qualifications relevant to the proposed project: Extensive experience in planning in the Boston area, including a waterfront study and design f Chelsea and the Northern Avenue Bridge in Bosto Areas of planning expertise in comprehensive planning, cost impact studies, land use control as well as public participation programs.

Standard Form 255 July 1975
Prescribed By GSA Fed Proc Reg (41 CFR) 1-1

a. Name & Title:

John A. Zampire, President
Park Square Associates, Inc.

b. Project Assignment:

Chief Engineer for evaluation infrastructure

c. Name of Firm with which associated:

Park Square Associates

d. Years experience: With This Firm 2 With Other Firms 26

e. Education: Degree(s) / Year / Specialization

Civil Engineering

f. Active Registration: Year First Registered/Discipline

P.E. Massachusetts, R.I., New Hampshire

g. Other Experience and Qualifications relevant to the proposed project:

Extensive experience in urban renewal, sewerage systems and water systems. Relevant projects involving work with the BRA include the South End Urban Renewal Project, the Fenway Urban Renewal Project and the Park Plaza Urban Renewal Project.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Standard Form 255 July 1975
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c. Work [illegible] of Joint Venture Members which Best Illustrates Current Qua[illegible]tions Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands	
				Entire Project	Work for whi Firm was/is responsible
(1) Waterfront Improvement Plan Mystic River Boston, MA	Planning, preliminary engineering, economic and financial analysis.	Massport Authority Boston	1976	12	12,000
(2) Rehabilitation of Boston Naval Shipyard	Engineering assessment for the development of the former naval ship-yard for commercial development.	City of Boston, Massachusetts	1976	40	All
(3) Harborside Jersey City, New Jersey	Master planning and design for multi-phase waterfront development.	The Glimcher Company Columbus, Ohio	1985	150	All
(4) Reunion Area Dallas, Texas	Master planning for network of offices, arena, transportation center, restaurant, shopping areas, residential and recreational.	Woodbine Development Companies Dallas, Texas	1977	48	All
(5) Long Beach Downtown Marina Long Beach, CA	Planning, hydraulic model final design, construction documents	City of Long Beach Long Beach, CA	Plan 1979 Design 1983	34	All
(6) Huntington Harbor California	Final design of 45A waterfront develop-ment-channels, utilities, roads and bridges, boat basins, slips and docks.	Huntington Harbor Corporation California	1980	25	All
(7) New Orleans East New Orleans, Louisiana	Market and financial consultants on a larger-scale water oriented community development program.	Tecon Services Inc. New Orleans, Louisiana	1980	40	All
(8) (9) Henderson Wharf Marina Baltimore, Maryland	Market Study & Financial Feasibility Analysis of Condominium and Marina Project	City of Baltimore Baltimore, Maryland	1981	50	All
Waterfront Study Chelsea, MA	Land use planning and design	City of Chelsea Chelsea, MA	1981	50	All
(10) Waterfront Design Chelsea, MA	Design of waterfront areas, mitigation of oil tank farm	City of Chelsea Chelsea, MA	1982	15	All

supporting your firm's qualifications for the proposed project

VTN is a comprehensive, multi-service engineering/architectural/environmental/planning firm internationally known for our team management and public participation capabilities and will provide the strong local presence required for the East Boston Harborside Project. The VTN project director, Herman Singer, with his extensive waterfront development experience, will provide the necessary guidance to ensure that the key issues of engineering, funding, development phasing and circulation are resolved as the full range of design and multi-use alternatives are explored in detail.

Welton Becket Associates is an internationally recognized leader in master planning and mixed-use development. Welton Becket can point to numerous urban development projects, particularly a 210 acre waterfront site in Jersey City, located on the Hudson River opposite the World Trade Towers. The site with its magnificent vistas of the Manhattan skyline will consist of a 1,5000,000 SF shopping mall with four anchor department stores, 10-12 million square feet of commercial office buildings, two 600-room convention hotels and 12,000 residential condominium units. The waterfront areas will contain recreational-marina facilities as well as low-rise residential units to preserve the views for residents and tenants of the project. Welton Becket Associates is now working on the design of the first buildings for Harbour City.

Some of Welton Becket's local projects include Center Plaza, Boston; State Street South, Quincy; and Worcester Center, Worcester.

Moffatt & Nichol, Engineers offer a complete capability in marine, harbor and coastal engineering feasibility and design. The City of Long Beach, CA selected M & N to prepare the feasibility study and final design for the downtown area of Long Beach which consists of two separate small craft harbors. The Shoreline Harbor Marina utilizes a basin constructed several years earlier and includes 130 public rental slips equipped with water, power and electrical services, guest dock and boat pump-out facilities. The adjacent Downtown Shoreline Marina consists of a large new basin containing 1694 public rental slips also equipped with utility services. The basin area includes guest dock, pump-out and fueling dock facilities and land-based support facilities such as utilities, roads, parking and bicycle trails. The City is also providing rest-rooms, administration building, landscaped areas and fishing platforms.

These marinas are a focal point of the multi-faceted shoreline recreational complex taking shape along the shoreline of downtown Long Beach.

Williams & Kuelbelbeck & Associates, Inc. specialists in harbor and waterfront property planning programs will provide harbor and waterfront real estate economic, financial, and management consulting. Services in this specialized area include market analysis and counseling, financial analysis and planning, operating analysis, economic impact assessment, leasing advisory services, and general management consultation.

An applicable project is the market study and financial feasibility analysis they conducted for the Inner Harbor Condominium Marine Project in Baltimore, Maryland.

Thomas Planning Services, Inc. will provide intimate knowledge of the East Boston waterfront area due to prior waterfront planning and design work with Boston Harbor.

Park Square Associates have worked closely with the BRA and have superb knowledge of the intrastructure of the area.

11. The foregoing is a statement of facts.

Signature: William V. Chisholm

Typed Name and Title: William V. Chisholm, Asst. Vice Pres.

Date: December 15, 1982

Wallace, Floyd, Associates Inc.
Architects/Planners Cambridge/San Francisco

65 Winthrop Street
Cambridge
Massachusetts 02138

(617) 497-9090

Peter Floyd
David D. Wallace
Adel Foz
Thomas Green
John P. Grossmann
Michael W. Lardner
Patrick S. Zabaldo

15 December 1982

DEC 15 1982

Mr. Robert Ryan, Director
Boston Redevelopment Authority
City Hall
Boston, Massachusetts 02201

Dear Mr. Ryan:

Urban Consulting Associates of Boston and Wallace, Floyd, Associates of Boston, are pleased to submit our joint qualifications for your consideration to prepare a master plan and development plan for the East Boston Harborside Project. Urban Consulting Associates and Wallace, Floyd, Associates have successfully worked together on a number of projects. Most recently, we collaborated on a Master Planning Development program for the Town River section of Quincy; currently we are working on a Development Master Plan for the Boston Harbor Islands. Our association provides you with strong physical planning and economic/market capabilities coupled with our understanding of development realities.

To supplement our venture, we will be using three specialists to assist us in assessing the unique potential of this site. Fumihiko Maki, the internationally acclaimed Japanese architect, will serve as Design Consultant; he will be assisted by Akira Yamashita of Boston. Fay, Spofford and Thorndike of Boston will provide us with the civil engineering and transportation expertise we will need during the project.

We hope that you look favorably upon this submission and we look forward to working with you.

Very truly yours,

Robert T. Kenney, President
Urban Consulting Associates
of Boston, Inc.

David D. Wallace, President
Wallace, Floyd, Associates Inc.

as of 28 December 1982;
Russia Wharf, 286 Congress Street
Boston, Massachusetts 02210

FORM (SF) 255

Architect-Engineer Related Services for Specific Project

EAST BOSTON HARBORSIDE PROJECT,
East Boston, Massachusetts

2a. *Commerce Business Daily* Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

WALLACE, FLOYD, ASSOCIATES INC./URBAN CONSULTING ASSOCIATES OF BOSTON INC.
Joint Venture
286 Congress Street
Russia Wharf
Boston, Massachusetts 02210

Until 28 December 1982;
65 Withrop Street
Cambridge, Massachusetts 02138

3a. Name, Title & Telephone Number of Principal to Contact

David D. Wallace, President
Wallace, Floyd, Associates Inc.
617-497-9090

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

14 Administrative	___ Electrical Engineers	___ Oceanographers	3 Urban Designers
25 Architects	___ Estimators	14 Planners: Urban/Regional	2 Graphic Designers
___ Chemical Engineers	___ Geologists	1 Sanitary Engineers	1 Biologist
___ Civil Engineers	___ Hydrologists	___ Soils Engineers	___
___ Construction Inspectors	2 Interior Designers	1 Specification Writers	___
8 Draftsmen	2 Landscape Architects	___ Structural Engineers	___
___ Ecologists	___ Mechanical Engineers	___ Surveyors	___
___ Economists	___ Mining Engineers	1 Transportation Engineers	74 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

WFA will have responsibility for physical planning, site design, coordination of subconsultants including architectural and engineering, administration and report and public information production.

UCB will have responsibility for market and financial studies and development feasibility analysis.

WFA and UCB recently worked together on the Quincy Town River Bay Master Plan, and are currently working on the Master Plan for the Boston Harbor Islands State Park.

a. Has this Joint-Venture previously worked together? ☒ yes ☐ no

b. Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

Name & Address	Specialty	Worked with Prime before (Yes or No)
1) Yamashita and Associates Inc. 140 Beach Street Boston, Massachusetts 02111	Architecture, Urban Design	No
2) Fumihiko Maki Maki and Associates	Architecture	No
3) Fay, Spofford and Thorndike, Inc. 1 Beacon Street Boston, Massachusetts 02108	Civil and Transportation Engineering	Yes
4)		
5)		
6)		
7)		
8)		

a. Name & Title: DAVID D. WALLACE
Principal

b. Project Assignment:

PRINCIPAL-IN-CHARGE

c. Name of Firm with which associated:

WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 12 With Other Firms 16

e. Education: Degree(s) / Year / Specialization

B.A./1950/MIDDLEBURY COLLEGE
B.ARCH/1952/M.ARCH/1956
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

f. Active Registration: Year First Registered/Discipline

1957/ARCHITECT/MASSACHUSETTS, NY, TX
NCARB REGISTRATION

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Wallace offers over 25 years of experience in site analysis, site planning, architectural design, urban design and architectural programming. He has directed a number of major master plan studies including the Logan Airport Land Use Master Plan, Boston Naval Shipyard Land Use and Transportation Study, Saint Gabriel's Monastery Redevelopment/Reuse Study, and the Seaport Access System Study. He has directed major architectural projects including the Alewife Station/Garage, the rehabilitation of the 500 unit Franklin Field Public Housing Project, the rehabilitation of 850,000 sq. ft. of industrial/commercial space at the South Boston Army Base and the design of residential halls for colleges and universities. Mr. Wallace has been responsible for the development of visual design guidelines for the central business district of cities in Massachusetts, Indiana, North Carolina, and Rhode Island. He is currently Principal-in-Charge of the Third Harbor Tunnel (Boston) EIS and the MDC Water Study and

a. Name & Title: ROBERT T. KENNEY
President

b. Project Assignment:

PRINCIPAL-IN-CHARGE

c. Name of Firm with which associated:

URBAN CONSULTING ASSOCIATES OF BOSTON INC.

d. Years experience: With This Firm 6 With Other Firms 15

e. Education: Degree(s) / Years / Specialization

B.S./1956/ECONOMICS
M.B.A./1961/BUSINESS

f. Active Registration: Year First Registered/Discipline

NOT APPLICABLE

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Kenney specializes in urban development, municipal management and real estate consulting. As president of UCB he has directed redevelopment planning and coordination for the Chelsea Naval Hospital site and the Watertown Arsenal site; directed land use planning and marketing strategies for the Boston Marine Industrial Park; and is currently working with the new owner of the East Boston Bethlehem Steel site to secure development financing. He has both participated in, and provided consulting services for, numerous development projects in the Boston area. Prior to founding UCB, Mr. Kenney served as Director of the Boston Redevelopment Authority for six years.

Name & Title:

ADEL FOZ
Associate

Project Assignment:

ASSOCIATE-IN-CHARGE/PLANNING

Name of Firm with which associated:

WALLACE, FLOYD, ASSOCIATES INC.

Years experience: With This Firm 9 With Other Firms 4

Education: Degree(s) / Year / Specialization

B.A. mcl/1963/HARVARD COLLEGE
M.ARCH/1968/HARVARD GRADUATE SCHOOL OF DESIGN
M.C.P./1972/MASSACHUSETTS INSTITUTE OF TECH.

Active Registration: Year First Registered/Discipline

Other Experience and Qualifications relevant to the proposed project:

Foz has over 13 years of experience as a planner and an
hitect with specialized expertise in managing large scale
ster planning projects. He was Associate-in-Charge for the
gan International Airport Master Plan and the Boston Naval
pyard Reuse Study. Mr. Foz was Project Manager for the
le IX New Haven Economic Adjustment Strategy with respon-
ility for the review of site development potential of a
ber of under-utilized sites in New Haven. Mr. Foz was
ently Project Manager for the Proposed Third Harbor Tunnel
ston) EIS. He was Project Manager for the Monastery Hill
munity Development Study prepared for the Boston Redevelop-
t Authority with active participation by a local task
ce. Mr. Foz participated in master planning for Sohio Pet-
eum Company's facilities at Prudhoe Bay, Alaska and for
earch facility renovations at Marshall Hall, U. Mass.,
erst.

a. Name & Title:

THOMAS GREEN
Associate

b. Project Assignment:

ASSOCIATE-IN-CHARGE/ARCHITECTURE

c. Name of Firm with which associated:

WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 2 With Other Firms 20

e. Education: Degree(s) / Years / Specialization

B.A./1951/UNIVERSITY OF CHICAGO
B.D./1955/UNIVERSITY OF CHICAGO
M.ARCH./1959/YALE UNIVERSITY

f. Active Registration: Year First Registered/Discipline

1962/ARCHITECT

g. Other Experience and Qualifications relevant to the proposed project:

Thomas Green is WFA Associate-in-Charge of architecture and urban design. Prior to joining WFA, Mr. Green had his own firm, Thomas Green Associates, Inc. Prior to that he was a founding member and executive Vice-President of Benjamin Thompson and Associates, Inc. and an Associate of the Architects Collaborative. During his tenure with BTA he was a principal-in-Charge for the Quincy Market Rehabilitation, a major urban design and architectural job which has received national recognition for its excellent design. Mr. Green participated in all aspects of the design, from conceptual planning to detailed consideration of signage, building details and landscape design. At WFA, Mr. Green has been Associate-in-Charge of several major architecture and urban design projects including the Franklin Field Housing Project Rehabilitation, the Kennedy Plaza Transit and Pedestrian Mall and the South Boston Army Base Garment Center Rehabilitation.

a. Name & Title:

AKIRA YAMASHITA
Principal

b. Project Assignment:

ARCHITECTURAL DESIGN CONSULTANT

c. Name of Firm with which associated:

YAMASHITA AND ASSOCIATES INC.

d. Years experience: With This Firm 10 With Other Firms 5

e. Education: Degree(s) / Year / Specialization

B.ARCH/1965/TOKYO UNIVERSITY
M.A.U.D./1967/HARVARD UNIVERSITY

f. Active Registration: Year First Registered/Discipline

NCARB REGISTRATION

g. Other Experience and Qualifications relevant to the proposed project:

. Yamashita has directed his firm's architecture and urban esign projects over the last 10 years. He directed the mas- er plannning for a 25 acre area in downtown Baltimore which ncluded 2000 units of housing, two schools, recreational acilities and commercial/retail development. He provided omprehensive development consultation and architectural ervices for a residential development of 1100 units in down- own Cincinnati. Mr. Yamashita has also participated in velopment planning for hotels, urban and rural housing ojects and commercial centers including Brattle Square in mbridge, Massachusetts.

a. Name & Title:

FUMIHIKO MAKI
Principal

b. Project Assignment:

ARCHITECTURAL DESIGN CONSULTANT

c. Name of Firm with which associated:

MAKI AND ASSOCIATES

d. Years experience: With This Firm 17 With Other Firms 9

e. Education: Degree(s) / Years / Specialization

B.ARCH/1952/UNIVERSITY OF TOKYO
M.ARCH/1953/CRANBROOK ACADEMY OF ART
M.ARCH/1954/HARVARD UNIVERSITY

f. Active Registration: Year First Registered/Discipline

ARCHITECT/JAPAN

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Maki is an internationally recognized architect who has designed buildings in Japan, Brazil, Malaysia and Peru. His work has been recognized with design awards in this country as well as abroad. He has designed educational facilities, community centers, housing, offices, museums, sports facilities, and major development plans for mixed use projects. Mr. Maki founded his own Tokyo based firm in 1965, prior to that he spent ten years working in this country. The architectural services provided by Mr. Maki's firm include building, planning, design, interior design and construction supervision.

. Key Persons, Specialists, and Individual Consultants Anticipated this Project

itle:
JOHN F. WEIS
Vice-President

Assignment:
MARKET AND DEVELOPMENT ANALYST

of Firm with which associated:
URBAN CONSULTING ASSOCIATES OF BOSTON, INC.

experience: With This Firm 1 With Other Firms 13

ation: Degree(s) / Year / Specialization
B.S./1965/ECONOMICS
M.C.D./1968/CITY PLANNING

ve Registration: Year First Registered/Discipline
NOT APPLICABLE

er Experience and Qualifications relevant to the
posed project:
... for all ranges of planning and de-
... projects to

a. Name & Title:
JAMES PURDY
Senior Planner

b. Project Assignment:
PROJECT MANAGER

c. Name of Firm with which associated:
WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 5 With Other Firms 3

e. Education: Degree(s) / Years / Specialization
B.S./1969/UNIVERSITY OF MICHIGAN
M.C.P./1973/MASSACHUSETTS OF TECHNOLOGY

f. Active Registration: Year First Registered/Discipline
NOT APPLICABLE

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Purdy is a senior planner and project manager at WFA with particular expertise in the management and coordinatio... complex projects involving a variety of disciplines and ... Manager for Logan Airport ... studies

...Persons, Specialists, and Individual Consultants Anticipated ...his Project

a. Name & Title:
WENDY LANDMAN
Senior Planner

b. Project Assignment:
SENIOR PLANNER/URBAN DESIGNER

c. Name of Firm with which associated:
WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 4 With Other Firms 3

e. Education: Degree(s) / Year / Specialization
B.S./1975/MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Dip. in URBAN DESIGN/1976/UNIVERSITY OF EDINBURGH
M.C.P./1978/MASSACHUSETTS INSTITUTE OF TECH.

f. Active Registration: Year First Registered/Discipline
NOT APPLICABLE

g. Other Experience and Qualifications relevant to the proposed project:
...s. Landman has extensive experience in master planning, site ...nd land use planning, urban design and environmental plan...ing. As a senior planner for the Logan International Air...port Master Plan, Ms. Landman developed design guidelines ...or land use, building form, lighting, signage and landscap...ng. Ms. Landman was Project Manager for the Quincy Town ...iver Bay Master Plan which included generation of site de...elopment alternatives and visual design guidelines for the ...roject area. As senior planner on the South Boston Army ...ase Project, Ms. Landman was responsible for site planning, ...irculation studies and development of design guidelines. ...ther planning responsibilities have included land use ...udies and development of visual guidelines for Wachusett ...ountain Ski Area; development and analysis of roadway op...ons for the Seaport Access System Project; and preliminary ...sign of site improvements for a 300 unit public housing ...oject in Lowell, Massachusetts.

a. Name & Title:
H.H. SMALLRIDGE
Senior Urban Designer

b. Project Assignment:
URBAN DESIGNER

c. Name of Firm with which associated:
WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 1 With Other Firms 14

e. Education: Degree(s) / Years / Specialization
B.ARCH./1967/UNIVERSITY OF VIRGINIA

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Smallridge supervised urban design and joint development studies for the Third Harbor Tunnel EIS. Prior to joining WFA he was responsible for site location studies, urban design studies and design review in Boston's Central Business District for the Boston Redevelopment Authority, reviewing plans for several major buildings including hotels, office buildings, and the South Station Transportation Center. Mr. Smallridge has prepared central business district and urban revitalization plans, and planned major regional recreation complexes. His experience in the preparation of master plans includes the conceptual and detail design of a 15 acre waterfront site in Charlestown, Massachusetts (Central Artery North Area Project); the urban design controls and public improvements plan for the entertainment district and LaFayette Place in Boston's Central Business District; and a downtown revitalization plan for Maynard, Massachusetts.

a. Name & Title:

DENEEN A. CROSBY
Landscape Architect

b. Project Assignment:

LANDSCAPE ARCHITECT

c. Name of Firm with which associated:

WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm ½ With Other Firms 3

e. Education: Degree(s) / Year / Specialization

B.L.A./1979/STATE UNIVERSITY OF NEW YORK

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

s. Crosby has particular expertise in landscape design relave to urban improvements programs. She was recently responble for preliminary design, design development, contract cuments and cost estimating for street improvements in wtonville, Massachusetts; sitting area, bus shelters and rking layout, preliminary design, design development, conact documents and cost estimating for Cold Spring Park in wton; preliminary design, design development and contract cuments for the landscaping of Gateway Quincy, an office d bank development in Quincy, Massachusetts. Ms. Crosby s responsible for the landscape design, from preliminary sign through construction supervision, of a new manufactur; plant, road and parking for IBM in Essex Junction, Vermont. nce joining WFA Ms. Crosby has participated in landscape sign for the Third Harbor Tunnel EIS/EIR, the Kennedy Plaza nsit Mall, and the Davis/Alewife Linear Park.

a. Name & Title:

JOHN W. COLE
Architect

b. Project Assignment:

ARCHITECTURAL DESIGNER

c. Name of Firm with which associated:

WALLACE, FLOYD, ASSOCIATES INC.

d. Years experience: With This Firm 3 With Other Firms 4

e. Education: Degree(s) / Years / Specialization

B.A./1971/YALE UNIVERSITY
M.ARCH/1978/WASHINGTON UNIVERSITY

f. Active Registration: Year First Registered/Discipline

1982/ARCHITECT/MASSACHUSETTS

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Cole is experienced in the development of architectura programs; concept design and design development for new construction and renovation projects. He is currently architectural designer for the Franklin Field (Boston) Comprehensive Renewal Program a $25 million renovation project. Mr. Cole was project designer for a 100,000 sq. ft. speculative office building, St. Louis, Missouri. Mr. Cole has also been involved in the design of commercial buildings, hotels, parking garages, institutional and residential projects. As design architect for the Kennedy Plaza Transit Mall in Providence, Rhode Island, Mr. Cole was responsible for bus and pedestrian circulation studies and has designed a number of structures requiring special functional and aesthetic programs.

a. Name & Title: Dr. Rodney C. Plourde
Vice-President & Associate

b. Project Assignment:
FST Manager-in-Charge

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

Years experience: With This Firm 14 With Other Firms --

e. Education: Degree(s) / Year / Specialization
Ph.D., 1971, Transportation (minor in City & Regional Planning), Massachusetts Institute of Technology
S.M., 1968, Transportation, Mass. Institute of Technology
B.S., 1966, Civil Engineering, Villanova University

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project: Dr. Plourde is Manager of Transportation nd Environmental Planning for the firm. His specialties ncompass comprehensive transportation planning and engin-ering, traffic engineering, community participation, ur-an planning, environmental impact evaluation and project dministration. He is an expert in both state and federal nvironmental impact document preparation. He has served s Proj. Manager, Deputy Proj. Manager or Proj. Engineer r such diverse projects as regional highway needs studies, rport master plans, location studies, a statewide passen-r transportation needs study, environmental impact stud-s, ferry studies, studies of highway safety, etc. He rected the recent studies for BRA and Massport for the oposed Seaport Access Road in South Boston and is pre-ntly a Deputy Project Mgr. for Environmental Studies for e EIR/EIR being prepared for the proposed Third Harbor nel in Boston and East Boston.

a. Name & Title: Nathaniel N. Wentworth, Jr.
Senior Vice-President & Director

b. Project Assignment:
Waterfront Engineering

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 43 With Other Firms --

e. Education: Degree(s) / Years / Specialization
B.S., 1939, Civil Engineering, Rhode Island State College

f. Active Registration: Year First Registered/Discipline
1953, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project: Mr. Wentworth is an expert in the planning and design of waterfront facilities. He has completed numerous studies involving cargo port location and layout, coastal ferry systems, and port-related transportation. He has been responsible for the design of marine cargo terminals, drydocks, container facilities, ferry terminals, tanker berths, craneways, wharfs, piers, bulkheads, railroad track, dredging, shipways, etc. In Boston, he has been responsible for numerous projects, both major and minor, at such facilities as the Boston Army Base, the Boston Naval Shipyard (South Boston Annex), Castle Island, the Boston Marine Industrial Park, the former Wiggins Terminal, etc.

7. Brief Resume[illegible]y Persons, Specialists, and Individual Consultants Anticipated fo[illegible] Project

a. Name & Title: John C. Yaney
Senior Engineer

b. Project Assignment:
Transportation Planning & Analysis

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 10 With Other Firms --

e. Education: Degree(s) / Year / Specialization
M.S., 1972, Civil Engineering (Transportation), Massachusetts Institute of Technology
B.S., 1970, Civil Engineering, Univ. of Massachusetts

f. Active Registration: Year First Registered/Discipline
1979, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Yaney specializes in transportation planning, traffic analysis and environmental impact analysis. He currently is responsible for the traffic analysis for the Third Harbor EIS/EIR and performed a similar function for the Seaport Access Road pro ject for the BRA and Massport. He has evaluated transportation and traffic impacts associated with numerous other proposed public and private development, including a $4 billion steel mill, residential subdivisions, a theme park and office park, light industry and warehousing. He was active in the TOPICS/Urban Systems program. Mr. Yaney has also held responsible positions on such projects as a statewide transportation needs study, three airport master plans, two cargo port location studies, several studies of ferry systems and a bridge location and feasibility study.

a. Name & Title: Dean L. Groves
Senior Engineer

b. Project Assignment:
Environmental Specialist

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 8 With Other Firms --

e. Education: Degree(s) / Years / Specialization
B.S., 1974, Civil Engineering, Lowell Technological Institute
Graduate Courses, Transportation, Northeastern University

f. Active Registration: Year First Registered/Discipline
1974, E.I.T.

g. Other Experience and Qualifications relevant to the proposed project: Mr. Groves specializes in environmental impact analysis and is presently Environmental Document Coordinator for the EIS/EIR being prepared for the proposed Third Harbor Tunnel in Boston. Other environmental document preparation experience includes Seaport Access Road in South Boston; relocation of the Green Line rapid transit facilities at North Station in Boston and associated transit improvement evaluations in Boston's Northwest Corridor; the Lechmere Canal project in Cambridge; conceptual design and environmental impact analysis of modifications to Rte. 2 & Alewife Brook Pkwy. in Cambridge, Arlington and Belmont; the interchange of I-93 and Rte. 16 in Medford; and preliminary design and impact evaluation of proposed arterial connections in East Cambridge. He has also prepared numerous Environmental Notification Forms and other environmental documentation for diverse projects - wastewater collection facilities, airport improvements, and a theme park. He was involved in the firm's Gloucester waterfront urban renewal project.

a. Name & Title: Edward A. Welch
Principal Engineer

b. Project Assignment:

Civil Engineering

c. Name of Firm with which associated:

Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 17 With Other Firms 6

e. Education: Degree(s) / Year / Specialization
B.E.T., 1973, Civil Engineering, Northeastern University
Associate, 1966, Municipal & Sanitary Engineering,
Northeastern University

f. Active Registration: Year First Registered/Discipline
1980, P.E., Civil Engineering
1972, R.L.S., Land Surveying

g. Other Experience and Qualifications relevant to the proposed project: Mr. Welch has more than 18 years of civil engineering experience with a specialty in roadway design including geometrics, layouts, alignments, profiles, utility relocations, right-of-way and land acquisition plans, land surveys, and preparation of contract plans, specifications and estimates. He has served as Project Engineer, Chief Design Coordinator, or Chief Designer on numerous projects, including TOPICS/Urban Systems-type projects; several major urban arterial streets, including the Cross-town Street in Boston's Southwest Corridor; urban renewal projects; rapid transit station parking lots; and the MBTA's Southwest Corridor Transportation project, which includes roadway construction, utilities, right-of-way and landscape development. He recently served as Project Engineer for a major waterfront urban development project in Gloucester which included building and wharf demolitions, soundings, roadway design, bulkhead design and cost estimates, and estimates for wharves and piers.

a. Name & Title: Edward J. Cronin
Principal Engineer

b. Project Assignment:

Utilities & Hydraulics Engineering

c. Name of Firm with which associated:

Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 12 With Other Firms 5

e. Education: Degree(s) / Years / Specialization
M.S., 1973, Sanitary Engineering, Northeastern University
B.S., 1961, Civil Engineering, University of Massachusetts

f. Active Registration: Year First Registered/Discipline
1981, P.E., Civil Engineering (by exam)
1971, P.E., Civil Engineering
1975, R.L.S., Land Surveying

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Cronin's engineering experience is broad and includes highway and transit system design, utilities, right-of-way, storm and sanitary and sewer design, and the design of small dams and retention basins. His highway planning and design experience ranges from urban street reconstruction to multi-lane interstate highways. As Project Engineer, his administrative responsibilities have included coordination of design with public agencies and utility companies as well as resident engineer construction supervision of engineers, inspectors and field crews. Mr. Cronin is presently Project Engineer on the firm's Southwest Corridor project for the MBTA and is responsible for coordination of utilities relocations, force accounts, and supervision of the total right-of-way acquisition packages.

7. Brief Resume[illegible]y Persons, Specialists, and Individual Consultants Anticipated fo[illegible]s Project

a. Name & Title: Robert E. Bertolino
Principal Engineer

b. Project Assignment:
Structural Engineering

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 15 With Other Firms ---

e. Education: Degree(s) / Year / Specialization
M.S., 1974, Structural Engineering, Northeastern Univ.
B.S., 1967, Civil Engineering, Northeastern Univ.

f. Active Registration: Year First Registered/Discipline
1976, P.E., Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Bertolino's engineering experience with the firm includes responsible charge for structural analysis and design, cost estimating and specifications for numerous projects, many of which have included the design of waterfront structures and their appurtenances. These projects have included the design of shipyards, drydocks, piers, bridges seawalls, bulkheads, retaining walls, industrial buildings and other engineering structures.

As Project or Assistant Project Engineer, Mr. Bertolino has provided structural assistance on projects at the Portsmouth Naval Shipyard, NH; Bath Iron Works, ME; Boston Marine Industrial Park, South Boston; Charleston Naval Shipyard, SC; the TRIDENT-class submarine drydock in Bangor, WA; design and repair of ferry terminal facilities for the Woods Hole, Martha's Vineyard & Nantucket Steamship Authority; and for pier rehabilitation and dredging at the

a. Name & Title: Ruth Kolodney
Planner

b. Project Assignment:
Community Planning

c. Name of Firm with which associated:
Fay, Spofford & Thorndike, Inc.

d. Years experience: With This Firm 1 With Other Firms 3

e. Education: Degree(s) / Years / Specialization
M.C.P., 1981, City & Community Planning, Massachusetts Institute of Technology
B.A., 1973, American History & Government, Beaver College

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:
Ms. Kolodney has worked on several large planning projects in Boston and other sections of the country, including San Angelo, Texas; Nassau County, New York; and Washington, D.C. Her experience in participatory planning includes coordination of work between communities and agencies; publicizing work being conducted in the community; explaining technical issues to community residents and business persons; and articulating the range of community concerns so that they may be incorporated into a project during the planning and design stages. She is currently actively involved in both planning and community participatory capacities for the EIS/EIR for the proposed Third Harbor Tunnel and has worked closely with the East Boston community.

All of her planning activities have involved interfacing with government agencies at all levels and working with

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
BOSTON NAVAL SHIPYARD LAND USE AND TRANSPORTATION STUDY (Charlestown Navy Yard and South Boston Naval Annex) Boston, Massachusetts	WFA- Land use, urban design, building evaluation, architecture, community liaison.	Boston Economic Development & Industrial Corporation Boston Redevelopment Authority Boston, Massachusetts 02108	1975	80 Fee	80
LOGAN AIRPORT MASTER PLAN Boston, Massachusetts	WFA- Managing Partner, Inventory, surveys, land use master plan, circulation studies, terminal expansion studies, design guidelines, community liaison, environmental assessment/encroachment	Massachusetts Transportation Authority 1 Ashburton Place Boston, Massachusetts 02108	1981	300 Fee	180
SOUTH BOSTON ARMY BASE Boston, Massachusetts	WFA - Site design, circulation studies, code compliance analysis, architectural design guidelines, architecture	Boston Economic Development & Industrial Corporation 1 City Hall Square Boston, Massachusetts 01901	1983	5,400	5,400
MASTER PLAN - BOSTON HARBOR ISLANDS STATE PARK Boston, Massachusetts	WFA-UCB (WFA as prime) Comprehensive plan, site design, architecture, landscape architecture, marina market analysis	Massachusetts Department of Environmental Management 100 Cambridge Street Boston, Massachusetts 02202	1983	80 Fee	80
THIRD HARBOR TUNNEL DRAFT EIS/EIR Boston, Massachusetts	WFA - Land use, community facilities analysis, urban design and joint development studies, public participation process.	Massachusetts Department of Public Works 100 Nashua Street Boston, Massachusetts 02114	1982	3,400 Fee	450

Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
ST. GABRIEL'S MONASTERY REDEVELOPMENT/REUSE STUDY	WFA-Land use, site planning, urban design guidelines, community development planning, public participation.	Boston Redevelopment Authority One City Hall Plaza Boston, Massachusetts 02201	1980	47 Fee	47
TOWN RIVER BAY MASTER PLAN Quincy, Massachusetts	UCB-WFA (UCB as prime) Market feasibility for appropriate re-uses, land use analysis, visual improvement guidelines.	City of Quincy Department of Community Development City Hall Quincy, Massachusetts 02169	1982	30 Fee	20
CHELSEA NAVAL HOSPITAL Chelsea, Massachusetts	UCB-Development planning site reuse alternatives	City of Chelsea Department of Community Development Chelsea, Massachusetts 02150	Ongoing	450 Fee	450
BOSTON MARINE INDUSTRIAL PARK Boston, Massachusetts	UCB-Market feasibility and recommended land use	Economic Development and Industrial Corporation of Boston 18 Tremont Street Boston, Massachusetts 02108	1980	30 Fee	15
BETHLEHEM SHIPYARD East Boston, Massachusetts	UCB-Financial planning	Bethlehem Shipyard - Private Owner	1982	15 Fee	15

Fay, Spofford & Thorndike

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Third Harbor Tunnel (Interstate Route 90) Boston, Massachusetts	Preparation of an Environmental Impact Statement/Report for new Boston-E. Boston Tunnel	Mass. Dept. of Public Works and Massachusetts Turnpike Authority Boston, Massachusetts	1983	Report ($3,300 Fee)	$ 825 (Joint Venture)
Seaport Access Road Boston, Massachusetts	Environmental Overview Summary, Env. Assessment including eng., traffic, land use, O&D Survey.	Boston Redevelopment Authority City Hall Boston, Massachusetts 02114	1980	Report	100%
Malden Urban Renewal Area Central Business District Malden, Massachusetts	Design of CBD roadways, pedestrian mall, garage access, utilities, lighting, signalization and landscaping.	Malden Redevelopment Authority 200 Pleasant Street Malden, Massachusetts	1980	$12,500	$12,500
Lechmere Canal & Triangle Area Development Project Cambridge, Massachusetts	DEIS & FEIS, EIR, Sec. 4(f), Sec. 106 & Reloc. Report.	City of Cambridge Community Development Dept. City Hall Annex Cambridge, Massachusetts	1979	Report	100%
Rte. 2/Rte. 16 Corridor Transportation Improvements Alewife Area of Cambridge, Arlington, Belmont, MA	EOS, EOS Update, EIS, EIR & Sec. 4(f) Relocation and Engineering Reports.	Mass. Dept. of Public Works 100 Nashua Street Boston, Massachusetts 02114	1982	Report	100%
Ferry Terminal Vineyard Haven, MA	Design of new ferry terminal pier and transfer bridges, services during construction.	Woods Hole, Martha's Vineyard & Nantucket Steamship Auth. Woods Hole, Massachusetts	1982	$3,000	$3,000
Marine Terminal St. Lawrence River Ogdensburg, N.Y.	Design of port terminal facilities - wharf, transit shed, rail, parking, utilities, etc.	Ogdensburg Bridge and Port Authority Ogdensburg, N. Y.	1970	$1,860	$1,860
Joint City-State Waterfront Project Portland, Maine	Feasibility study and layout plans for container/cargo ocean ferry and island ferry terminals.	Maine Department of Transportation Augusta, Maine	1980	Report	100%
TOPICS/Urban Systems in over 20 Communities in Mass. and New Hampshire.	Functional Design Reports, preliminary and final design services during construction.	Mass. Dept. of Public Works & New Hampshire Dept. of Public Works & Highways	On-going	Over $6,000	Over $6,000
Crosstown Urban Arterial Street (Melnea Cass Blvd.)	Complete design of 4-lane arterial, including 16 signalized intersections, bicycle paths, and land-	Boston Redevelopment Authority City Hall Boston, Massachusetts	1981	$10,000	$10,000

All work by firms [illegible]oint Venture members currently being performed directly for Fed[illegible] agencies

Fay, Spofford & Thorndike

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
ltiple Utilities Projects is Air Force Base lmouth, MA	Design of rehabilitation of existing wastewater treatment facilities and base utilities	Departments of the Army and the Air Force National Guard 143 Speen Street Natick, MA 01760	98%	$ 3,500	$ 3,500
eplace Trackage ydock 2, East Side and erths No. 6 & 7 rtsmouth Naval Shipyard rtsmouth, NH	Design of crane and railroad trackage for combined 15 and 20 foot gauge craneways	Northern Division, Naval Facilities Engineering Command Philadelphia, PA 19112	100%*	$ 1,500	$ 1,500
ertification of Drydocks harleston Naval Shipyard harleston, SC	Material condition surveys and facility certification reports for three drydocks	Southern Division, Naval Facilities Engineering Command P.O. Box 10068 Charleston, SC 29411	95%	Report	100%
ips Lift and Transfer stem re Island Naval Shipyard llejo, CA	Study of feasiblity of ships lift and transfer system for submarine overhaul and construction	Western Division, Naval Facilities Engineering Command P.O. Box 727 San Bruno, CA 94066	25%	Report	100%
ttlement Corrections jacent to Drydock val Submarine Base ngor, Bremerton, WA	Correction of settlement conditions adjacent to drydock	Western Division, Naval Facilities Engineering Command P.O. Box 727 San Bruno, CA 94066	25%	$ 570	$ 570

* Post-construction work only

The joint venture of Wallace, Floyd, Associates and Urban Consulting Associates of Boston brings to the East Boston Harborside Project extensive experience in similar projects and an in-depth knowledge of Boston and specific recent experience in East Boston. The staff assigned to the project are seasoned professionals and many of them are currently working on projects in the immediate vicinity of the site. WFA has recently prepared land use, urban design and community facility analyses of this section of East Boston for the Third Harbor Tunnel EIS/EIR; the WFA planners assigned to the project are therefore familiar with local issues and have worked with both community residents and local officials. UCB is currently providing financial planning for the new owner of the Bethlehem Steel site and is familiar with East Boston economic conditions. This experience will allow the team to minimize start-up time and bring to the project a comprehensive understanding of the problems and opportunities which exist for development of the site.

WFA is a full service architecture and planning firm with extensive master planning, urban design, land use and architectural experience. The firm has provided these services for a number of major sites in the Boston area including the Boston Naval Shipyard, now a successful development project; Logan Airport, where the planning process designed by WFA is now in use and urban design, architectural and circulation recommendations are being implemented; the Chelsea-Water Street Connector Draft Negative Declaration which generated and evaluated roadway alternatives and led to the construction of an improved roadway; and site design for the South Boston Army Base/Boston Marine Industrial Park which is currently ongoing and expected to be under construction in summer 1983. In addition to the firm's planning and design qualifications, WFA brings to the project substantial experience in working with the community and public agencies to bring about plans which meet both local needs and city goals.

UCB specializes in development planning. Utilizing strong background and experience in economic studies, market analyses and financial planning, UCB is a broadly based development firm which performs a variety of functions. It has assisted several cities in Massachusetts with the development of complicated project areas including the Watertown Arsenal and Chelsea Naval Hospital. Detailed marketing feasibility studies have been prepared for several public and private clients including an analysis of development potential along the Jersey City waterfront. Additionally, UCB serves as Development Manager for residential and office development projects and is currently acting as developer for over 150 units of housing in greater Boston.

Akira Yamashita and Fumihiko Maki bring to the team extensive experience in large scale urban architecture and urban design. Mr. Yamashita has provided design consultation on major development projects comprising hotel, residential, office and retail uses. Mr. Maki is an architect of international stature. His work includes the master plan for the Yokohama Sea Park (approximately 1700 acres), the marine life park for EXPO '75, the Rissho University Kumagaya Campus, the Japanese Embassy in Brasilia and the Hillside Terrace Apartment Complex. Mr. Maki's work has been recognized with architectural awards from Japan, the United States and Canada.

Fay, Spofford and Thorndike is a major Boston-based engineering firm with extensive civil, marine, and transportation experience. FST provided engineering services for the Third Harbor Tunnel EIS/EIR, involvement in this project has included evaluation of two alignment alternatives which pass adjacent to Pier No. 1 in East Boston. This has included extensive analyses of traffic conditions, both present and future, in the area surrounding Piers 1-5.

FST is one of the few local firms that maintains a separate Waterfront Department staffed by a group of individuals with a thorough knowledge of many of Boston's major waterfront structures. The firm has been responsible for major work at such facilities as the Boston Army Base, the South Boston Annex of the Naval Shipyard, and Castle Island. The firm was the original designer of East Boston, Pier No. 1 and has since designed improvements for both Pier No. 1 and Pier No. 3.

...e foregoing is a statement of facts.

...ure: _____ Typed Name and Title: David D. Wallace, President

Date: 15 December 1982

WRT

Wallace, Roberts and Todd

Architects
Landscape Architects
Urban and
Ecological Planners

1737 Chestnut Street
Philadelphia, Pennsylvania 19103
215/564-2611

December 14, 1982

DEC 15 1982

Boston Redevelopment Authority
1 City Hall Square
Boston, Mass. 02201

RE: Master Planning Consultant for a Boston Harbor Development Site

Gentlemen:

Wallace, Roberts and Todd (WRT) in association with Parsons, Brinckerhoff, Quade & Douglas (PBQD), and Hammer, Siler, George, Associates (HSGA) is pleased to submit this letter of interest and our credentials for the above-referenced study. This team has been specifically formed to meet the needs of the advertisement for qualifications issued by the Boston Redevelopment Authority on December 3, 1982.

WRT, a pre-eminent planning and design firm, is proposed as prime contractor for this project. The firm has been and is directly involved in waterfront redevelopment throughout the U.S. WRT is the urban planner and landscape architectural firm for the now renowned Baltimore Inner Harbor renewal. We are currently in construction stages of The Waterside Festival Market and Towne Point Park in Norfolk for James Rouse's Enterprise Development Corporation. Our redevelopment plan for a portion of Newark's Passaic River Waterfront is 85% complete. During our 20-year history, WRT also has been instrumental in waterfront redevelopment planning and design for other major cities including Camden, San Francisco, New York, Miami, Newport News, Toronto and Pittsburgh, to name a few. We have worked successfully with both public and private clients including city governments and redevelopment authorities, quasi-public agencies, developers and citizen groups. We enjoy an excellent reputation for completing first-class work on schedule and within budget.

WRT has asked PBQD to join our team to provide the requisite engineering and impact assessment. Located in Boston, PBQD is recognized for its excellence in marine engineering, transportation planning and design services for waterfront developments. The firm has provided professional services for the Boston Redevelopment Authority including the Redevelopment of Boston Naval Shipyard and the Long Wharf Rehabilitation. Other relevant waterfront project experience includes New York City Convention Center EIS, Copley Place Development and Gloucester Head of the Harbor Project.

A Wallace, FAIA, AICP
n H Roberts, ASLA
as A Todd, FAIA, AICP

David C. Hamme
Richard W. Huffman, AIA
Charles B. Tomlinson, Jr., AIA

Richard W. Bartholomew, AIA
John E. Clark, CPA
John E. Fernsler, AIA

John Beckman
Elizabeth Bemis, AICP
Henry F. Bishop, ASLA
Timothy Korbelak, AIA

C. Alyn Pruett, AIA
John S. Rodgers, AIA
Antoinette F. Seymour, AICP
Jack Sidener, AIA, AICP

WRT also has associated with HSGA for economic, financial and market analysis. WRT and HSGA frequently have worked together in major urban centers. Most recently, HSGA has completed financial analyses for redevelopment projects in Baltimore's Inner Harbor and Jersey City's Harbour City.

I refer you to the attached qualifications statement for a more detailed examination of the team members and their pertinent experience. Our submission is organized as follows:

- SF 255 for WRT/PBQD/HSGA Team
- SF 254 for each Team Member
- Supplementary Materials -- text and graphic presentation of relevant project experience.

WRT is confident that we can provide the technical services required to complete a first-class job on time and within budget. We look forward to the potential opportunity to put our credentials to work with the Boston Redevelopment Authority on this important project.

Sincerely,

Richard W. Huffman, AIA
Partner

RWH/mel

Attachments

FORM 255
Architect-Engineer Related Services for Specific Project

MASTER PLANNING CONSULTANT SERVICES FOR A BOS HARBOR DEVELOPMENT SITE

2a. *Commerce Business Daily* Announcement Date, if any:

N/A

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address

WALLACE, ROBERTS AND TODD (WRT) (Prime Consultant)
1737 Chestnut Street
Philadelphia, Pa. 19103

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC. (Subconsultant)
120 Boyleston Street
Boston, Mass. 02116

HAMMER SILER GEORGE, ASSOCIATES (Subconsultant)
1111 Bonifant Street
Silver Spring, Md. 20910

3a. Name, Title & Telephone Number of Principal to Contact

RICHARD W. HUFFMAN, AIA, PARTNER (WRT)
215/564-2611

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

31 Administrative	___ Electrical Engineers	___ Oceanographers	5 Urban Designer/Planners
19 Architects	___ Estimators	13 Planners: Urban/Regional	3 Geotechnical Engineers
___ Chemical Engineers	1 Geologists	___ Sanitary Engineers	5 Environ. Sci./Planners
7 Civil Engineers	___ Hydrologists	___ Soils Engineers	1 Marine Facility Engineer
2 Construction Inspectors	___ Interior Designers	1 Specification Writers	1 Graphic Designer
15 Draftsmen	19 Landscape Architects	10 Structural Engineers	5 Land Use/Environ. Planners
___ Ecologists	___ Mechanical Engineers	1 Surveyors	5 Market Analysts
11 Economists	___ Mining Engineers	2 Transportation Engineers	5 Retail Specialists
			162 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? ☐ yes ☐ no

Outside Key Consultants/Associates Anticipated for this Project (Attach SF 254 for Consultants/Associates Listed, if not already of file with the Procuring Office)

ne & Address	Specialty	Worked with Prime before (Yes or No)
Parsons Brinckerhoff Quade & Douglas, Inc. 120 Boyleston Street Boston, Mass. 02116	Engineering -- Marine, Geotechnical, Site Development, Traffic and Transportation; Impact Assessment	Yes
Hammer Siler George, Associates 1111 Bonifant Street Silver Spring, Md. 20910	Financial and Market Analysis	Yes

a. Name & Title: DAVID A. WALLACE, FAIA, AICP
Partner

b. Project Assignment:

Partner-in-Charge
Chief Planner

c. Name of Firm with which associated:

Wallace, Roberts and Todd

d. Years experience: With This Firm 10 With Other Firms 15

e. Education: Degree(s) / Year / Specialization

Ph.D., 1953, Harvard U., Planning
MA, 1950, Harvard U., City Planning
MA, 1941, U. of Pa., Architecture
BA, 1940, U. of Pa., Architecture

f. Active Registration: Year First Registered/Discipline

1947, Architect, 5 states
1969, Planner (NJ)
NCARB (21,169)

g. Other Experience and Qualifications relevant to the proposed project: Dr. Wallace is considered to be the pre-eminent planner and urban designer of this country. He has pioneered in all facets of development of the complex issues and activities of urban revitalization and master plan development. He continues to be responsible for state-of-the-art approaches to public/private urban redevelopment programs for many of our major cities. A partial list of his recent efforts includes all aspects of planning, design, community involvement, strategy setting, and agency interface and coordination for:

. The Inner Harbor & Municipal Center, Baltimore, Maryland
. Lower Manhattan Plan, New York, N.Y.
. Plan for the Norfolk Waterfront, Va.
. Plan for the Camden, N.J. Waterfront
. Long-range Development Plan for Buffalo, N.y.
. White Plains, N.Y. Central Renewal Plan & Area Concept Plan
. Downtown Los Angeles Development Plan
. New Orleans Growth Management Plan

g. Other Experience and Qualifications relevant to the proposed project: (Continued)

. U.S. Capitol Plan for Washington, D.C.
. Toronto Waterfront Environmental and Development Plan
. V.A. Hospital Master Plan, Camden, N.J.
. Mission Bay Redevelopment Plan, San Francisco, Calif.

See attached resume

r. Brief Resume[illegible]y Persons, Specialists, and Individual Consultants Anticipated for [illegible] Project

a. Name & Title: THOMAS A. TODD, FAIA, AICP
Partner

b. Project Assignment:

Partner-in-Charge (Design)

c. Name of Firm with which associated:

Wallace, Roberts and Todd

Years experience: With This Firm 18 With Other Firms 5

Education: Degree(s) / Year / Specialization
, 1959, U. of Pa., City Planning
, 1959, U. of Pa., Architecture
1950, Haverford College

Active Registration: Year First Registered/Discipline
51, Registered Architect (10 states)
59, Planner (NJ)
ARB (7469)

Other Experience and Qualifications relevant to the proposed project: Mr. Todd is the Chief Architect of WRT. As h, he has involvement in every architectural project in office. His primary responsibilities are to establish rall design direction for each project and monitor its elopment to assure responsiveness to the client's goals objectives, while maintaining time frame and budget eements. Mr. Todd's experience embraces industrial, office idential, institutional, and governmental facility design. ent projects include:
ershey Corporate Offices, renovation of Hershey Mansion, Hershey, Pa.
oSciences Office Bldg., 60,000 sf addition and 60,000 sf renovation, Philadelphia, Pa.
ispus Attucks Community Center, York, Pa.
ner Harbor and Municipal Center Plan, Baltimore, Md.
e Waterside Festival Market, Norfolk, Va.
w Federal Capital City of Nigeria, Abuja, Nigeria

a. Name & Title: JACK SIDENER, AIA, AICP
Associate Partner

b. Project Assignment:

Project Planner

c. Name of Firm with which associated:

Wallace, Roberts and Todd

d. Years experience: With This Firm 1 With Other Firms 23

e. Education: Degree(s) / Years / Specialization
Ph.D., 1977, U. of Calif., Berkley
M.Arch. and City Planning, 1963, U. of Pa.
B.Arch., 1959, U. of Calif.

f. Active Registration: Year First Registered/Discipline

Registered Architect: California, Hawaii, Washington

g. Other Experience and Qualifications relevant to the proposed project: Dr. Sidener has had extensive experience in planning and urban design. He has taught architecture and planning at several major universities including the University of California, University of Pennsylvania and University of Hawaii. Current and recent assignments include:
. Master Plan for New Town-in-Town (Mission Bay) in San Francisco, Calif.
. U.S. Air Force New Community Master Plan
. Master and Community Plan for U.S. Trust Territory
. Regional Plan, Colorado River Delta Region, Calif.

...ersons, Specialists, and Individual Consultants Anticipated to ... Project

a. Name & Title: RICHARD W. BARTHOLOMEW
Senior Associate Partner

b. Project Assignment:
Project Manager/Urban Designer

c. Name of Firm with which associated:
Wallace, Roberts and Todd

d. Years experience: With This Firm 4 With Other Firms 11

e. Education: Degree(s) / Year / Specialization
A., 1965, U. of Pa., Architecture
A., 1963, U. of Pa., Architecture

Active Registration: Year First Registered/Discipline
70, Registered Architect, Pennsylvania

Other Experience and Qualifications relevant to the proposed project: Mr. Bartholomew brings extensive planning perience as well as architectural expertise to each pro-ct for which he is responsible. His ability to delineate signs and standards which are responsive to a client's eds and within agreed upon budgets has resulted in many ccessful projects. His recent assignments include:
Redevelopment Plan for Newark Waterfront, N.J.
BioSciences Office Building, Philadelphia, Pa.
V.A. Hospital EIS Study, Camden, N.J.
Community Center Conversion to Administrative Offices, Pa.
Northwood Regional Shopping Center, Easton, Pa.
MX Conceptual Plan for Support Base, near Las Vegas
Master Plan for Abuja, the New Capital of Nigeria
Orlando Growth Management Plan, Orlando, Fla.

attached resume

a. Name & Title: JOHN BECKMAN
Associate Partner
Urban and Regional Planner

b. Project Assignment:
Regional and Socio-economic Planning

c. Name of Firm with which associated:
Wallace, Roberts and Todd

d. Years experience: With This Firm 8 With Other Firms 1

e. Education: Degree(s) / Years / Specialization
M.U.R.P., 1974, G. Washington U., Urban & Regional Planning
B.A., 1969, U. of Wisconsin, Sociology

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project: Mr. Beckman has managed and participated in a number of land use and master planning studies throughout the U.S. His most recent assignments include:
- Master Plan for Almonaster-Michoud Industrial District, La. (Project Manager)
- Downtown Detroit Development Plan, Mich.
- Camden Gateway South Development Plan, N.J.
- Denver Metropolitan Environmental Assessment, Colo.
- Mission Bay Mixed Use Master Plan, San Francisco, Calif.
- Camden Comprehensive Plan, N.J

See attached resume

Brief Resume of **Key** Persons, Specialists, and Individual Consultants Anticipated for this Project

Name & Title: HENRY F. BISHOP
Associate Partner
Landscape Architect

Project Assignment:
Landscape Architecture

Name of Firm with which associated:
Wallace, Roberts and Todd

Years experience: With This Firm 3 With Other Firms 8

Education: Degree(s) / Year / Specialization
., 1968, Penn State U., Landscape Architecture

Active Registration: Year First Registered/Discipline
6, Landscape Architect

Other Experience and Qualifications relevant to the
proposed project: Mr. Bishop has served as Landscape Archi-
and project manager on several of our major projects.
most recent assignments have included:
S. Capitol, Master Plan for Capitol Grounds
rfolk Waterfront Park & Market, Va.
mden Waterfront Parks and Marina, Camden, N.J.
ltimore Inner Harbor, Md.
wntown Orlando Streetscape, Orlanda, Fla.
e Quadrangle at Haverford College, Haverford, Pa.
onaster-Michoud Industrial District Plan, Louisiana
se Exterior Architecture Plans (5 Naval Facilities)

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

7 Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Morris S. Levy,
Vice-President Civil Engineer

b. Project Assignment:
Principal in Charge - Engineering Services

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm 16 **With Other Firms** 9

e. Education: **Degree(s) / Year / Specialization**
Khartoum University, B.S.C.E., 1951
Columbia University, M.S.C.E., 1964

f. Active Registration: **Year First Registered/Discipline**
New Hampshire, New Jersey, New York, Maine, Massachusetts, Connecticut

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Levy currently directs all planning and design activities in the firm's Boston office. He has extensive experience in many facets of engineering, including marine facilities, building structures, highways, bridges and rapid transit projects. In many of the difficult projects, he has devised innovative approaches and solutions to complex engineering problems. Among the recent major projects he is directing are the following:

- All engineering design and construction phase services for the site development of the $400 million Copley Place mixed-use development in Boston for Urban Investment and Development Co.
- Head of the Harbor Fish Pier in Gloucester, MA. for the Massachusetts Government Land Bank and the Gloucester Redevelopment Authority.
- Expansion design and construction phase services for the Harvard Square rapid transit station in Cambridge, MA

a. Name & Title:
Leonard E. Van Houten, Vice-President
Technical Director of Marine Facilities

b. Project Assignment:
Technical Adviser - Marine Facilities

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm --- **With Other Firms** 35

e. Education: **Degree(s) / Years / Specialization**
BS/1945/Civil Engineering
MS/1947/Civil Engineering

f. Active Registration: **Year First Registered/Discipline**
1957/Civil Engineering

g. Other Experience and Qualifications relevant to the proposed project:

As technical director of Marine Facilities, Mr. Van Houten is responsible for the firmwide performance of all projects involving marine facilities. In addition to maintaining the proper level, types, and mix of professional resources to perform the firm's marine projects, he plans, staffs, and ensures the quality of technical performance.

With over 35 years of experience in the field, Mr. Van Houten is an authority in pipelines and transfer systems, onshore and offshore; in oil and gas production, storage, and transportation facilities; and in ports, harbors, and marine transportation system operations. He has planned, organized, and directed numerous projects around the world.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: Henry L. Sanger, Vice-President	a. Name & Title: Michael G. O'Neill, Senior Civil Engineer
b. Project Assignment: Technical Adviser - Transportation and Environmental Services	b. Project Assignment: Utilities
c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.	c. Name of Firm with which associated: Parsons Brinckerhoff Quade & Douglas, Inc.
d. Years experience: With This Firm 12 With Other Firms 6	d. Years experience: With This Firm 6 With Other Firms 7
e. Education: Degree(s) / Year / Specialization B.S./1965/Landscape Architecture M.S./1971/Urban Planning M.S./1976/Transportation Engineering	e. Education: Degree(s) / Years / Specialization Northeastern Univ., B.S./1969/Civil Engineering
f. Active Registration: Year First Registered/Discipline P.E./1977/California, P.E./1979/New Hampshire	f. Active Registration: Year First Registered/Discipline PE/1975/Massachusetts; PE/1980/New Hampshire; PE/1981/Rhode Island; PE/1982/Connecticut
g. Other Experience and Qualifications relevant to the proposed project: Serves as principal-in-charge of all regional planning, architectural and environmental projects as well as selected other special projects. Current responsibilities include major environmental impact studies and the design of highway and bridge structures for the Massachusetts Department of Public Works; environmental impact studies for the Metropolitan District Commission; architectural design of a bus storage and maintenance facility in Norwalk, Ct.; a public housing project in Lynn, Ma., and several urban revitalization projects. Previously served as Environmental field deputy and director of the community participation program for the development of a master plan, preliminary engineering and environmental studies for the Naval Trident Submarine Program on Puget Sound, Washington.	g. Other Experience and Qualifications relevant to the proposed project: Mr. O'Neill specializes in the civil engineering design of transit systems, highways and infrastructures. He has been intimately involved in utility reconstruction and design projects in urban areas. He served as design engineer responsible for the coordination and relocation of public and private utilities for the Copley Place project in Boston, Mass., including the design and preparation of contract documents for relocating a 42" water main and a cathodic protection system for a portion of the pipe permanently located beneath a hotel complex; Project engineer responsible for the preparation of contract documents for a site preparation contract for the Boston Naval Shipyard including coordination of all private utilities required to service the new development areas and piers. Staff civil engineer for roadway and utility design related to the South Bronx

7. Brief Resume[illegible]ey Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Owen J. MacDonald
Senior Traffic Engineer

b. Project Assignment:
Senior Traffic Engineer

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm 9 With Other Firms 0

e. Education: Degree(s) / Years / Specialization
Northeastern University, B.S.C.E., 1972; M.S.C.E., 1982

f. Active Registration: Year First Registered/Discipline
Massachusetts

g. Other Experience and Qualifications relevant to the proposed project:
Mr. MacDonald has been responsible for numerous traffic analyses for a variety of projects during his few years of traffic planning and engineering experience. He has managed or performed traffic analysis, traffic maintenance plans, and traffic control facilities for such projects as the Copley Place mixed-use development in downtown Boston and the Wellington Circle multi-use project in Medford, MA. He has evaluated roadway capacities, estimated traffic volumes generated, and devised pedestrian circulation schemes for proposed real estate developments at the aforementioned sites and for a proposed industrial park in Canton, MA; at South Station in Boston, and for an urban revitalization plan for Watertown, MA. His experience also encompasses transit routing schemes and highway location evaluation.

a. Name & Title:
Allan A. Hodges, AICP
Planning Department Manager

b. Project Assignment:
Senior Environmental Planner

c. Name of Firm with which associated:
Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm 3 With Other Firms 15

e. Education: Degree(s) / Years / Specialization
B.S. Community Dvlp't./1962 Unv. Southern Illinois
M.U.P., Urban Planning, 1967/Michigan State University

f. Active Registration: Year First Registered/Discipline
Professional Certification from American Institute of Certified Planners.

g. Other Experience and Qualifications relevant to the proposed project:
Mr. Hodges' background includes urban and regional planning, real estate development economics, and environmental impact analysis. He has managed the Boston Marine Users Survey of the Ft. Point Channel area and numerous traffic and parking studies; initiated the district planning program for the Boston Redevelopment Authority; and performed real estate market analyses and economic impact feasibility studies for multi-use development projects including condominiums, rental apartments, hotels, restaurants, and retail uses. He has planned training seminars for national associations on tax incentives in real estate development, airport noise, and citizen participation in the planning process. Mr. Hodges is a national commissioner of the American Institute of Certified Planners and a member of the Board of Directors of the American Planning Association.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:
Eldon L. Abbott
Senior Geotechnical Engineer

b. Project Assignment:
Senior Geotechnical Engineer

c. Name of Firm with which associated:

Parsons Brinckerhoff Quade & Douglas, Inc.

d. Years experience: With This Firm 13 With Other Firms 10

e. Education: Degree(s) / Year / Specialization
B.S.C.E./1966
M.S.C.E./1968/Soil Mechanics

f. Active Registration: Year First Registered/Discipline

P.E./1972 New York, New Jersey, Massachusetts, Delaware

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Abbott is experienced in many facets of engineering and is head of the Geotechnical Engineering Department of the New England Region. He has participated in the management, exploration, design, and field construction of many types of earthwork structures, including marine structures, highways, and building structures.

He has served recently as project manager for the Head of the Harbor project in Gloucester, Massachusetts, which involves the development of additional land area, dredging for increased channel depth, and construction of marginal wharves for the fish processing industry. In addition, he has been project manager for the firm's involvement on the rehabilitation study of the historic Granite Seawalls built in 1710 at the end of Long Wharf in Boston.

a. Name & T.

Robert W. Siler, Jr., President

b. Project Assignment:

c. Name of Firm with which associated:

Hammer, Siler, George Associates, Inc.

d. Years experience: With This Firm 24 With Other Firms 3

e. Education: Degree(s) / Year / Specialization

AB	1953	Political Science/Economics
MRP	1955	Urban Planning

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Siler has supervised the firm's work on a number of waterfront projects, including the Almonaster-Michoud industrial district along the waterfront in New Orleans, Miami Center adjacent to Biscayne Bay, the Strip District in Pittsburgh, White River Park in Indianapolis, and others. The New Orleans work involved master planning for a 7,500 acre site, including market analysis and development strategy. Miami Center is a major commercial and residential development overlooking Biscayne Park and the bay. The Strip District is a proposed residential and office redevelopment of the Allegheny River shoreline in downtown Pittsburgh. The old Penn Station is being rehabilitated as an initial project. White River Park is a major commercial recreation undertaking along the White River in downtown Indianapolis. Mr. Siler is supervising the firm's current work on the Jersey City waterfront.

a. Name & Title:

George H. Dengler, Vice President

b. Project Assignment:

c. Name of Firm with which associated:

Hammer, Siler, George Associates, Inc.

d. Years experience With This Firm 5 With Other Firms 12

e. Education: Degree(s) / Years / Specialization

BA	1960	Government
MA	1961	History/Political Science

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Dengler has considerable experience with waterfront redevelopment projects, including Lacledes Landing (St. Louis), River Park (Tulsa), Volunteer Park (Memphis), White River Park (Indianapolis) and the Inner Harbor (Baltimore). Lacledes Landing is an on-going warehouse rehabilitation project in an historic areas of the St. Louis riverfront being redeveloped with new offices, restaurants and shops. River Park is a combined open space and low-density commercial recreation redevelopment of the Arkansas River Shoreline adjacent to downtown. Volunteer Park, in the Mississippi River off downtown Memphis, contains an amphitheatre, restaurants, shops, a marina, and a pedestrian mall depicting the life and history of the Mississippi River country. White River Park is a combined commercial and passive recreational park under development in downtown Indianapolis featuring water activities, a zoo, and cultural facilities. (Continued on reverse side)

Mr. Dengler provided residential and commercial development consulting for two projects being developed in Baltimore's massive Inner Harbor area. Mr. Dengler is now directing our firm's economic studies on a project for redevelopment of more than 300 acres on the Jersey City waterfront.

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Julius Blatt, Associate

b. Project Assignment:

c. Name of Firm with which associated:

Hammer, Siler, George Associates, Inc.

d. Years experience: With This Firm 2 With Other Firms 3

e. Education: Degree(s) / Year / Specialization

BS	1978	Marketing
MBA	1980	Real Estate

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Blatt has been associated with a variety of waterfront commercial and residential development projects. In Alexandria, Virginia, Mr. Blatt evaluated market potentials for both specialty retail and luxury housing for the adaptive reuse of the Torpedo Factory on the Potomac Waterfront. In Baltimore's Inner Harbor he evaluated market opportunities for a major retail, restaurant, entertainment complex. He has evaluated the markets for marina-oriented single family and multi-family housing development in Hilton Head, SC and Ocean City, MD. Mr. Blatt programmed commercial development opportunities for Kiawah Island, SC, a planned oceanfront resort community. He played a major role in developing economic and physical development strategies for the Southwest Waterfront area in Washington, DC. At present Mr. Blatt is evaluating housing market potentials and transportation impact factors for a major riverfront mixed use project in Jersey City, NJ.

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

d. Years experience: With This Firm ___ With Other Firms ___

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

8. Work by Prime Firm / Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	
				Entire Project	Work for which Firm was/is responsible
Baltimore Inner Harbor Urban Design and Landscape Arch. Baltimore, Md.	Urban Design Concept Plan, Landscape Arch., Arch. & Construction Plans	Charles Center-Inner Harbor Management 1444 World Trade Center Bldg. Baltimore, Md. 21202	Ongoing	2,090 (Fee)	57%
The Waterside Festival Market and Towne Point Park Norfolk, Va.	Design, Architecture and Landscape Architecture	Enterprise Development Co. Columbia, Md.	Current	567 (Fee)	70%
Camden Waterfront Master Plan Camden, N.J.	Master Plan, Landscape Architecture, Design & Construction Documents	City of Camden City Hall Camden, N.J. 08101	Current	332 (Fee)	100%
Mission Bay Redevelopment Master Plan San Francisco, Calif.	Mixed Use Redevelopment Plan for Residential & Office Uses in Downtown	Southern Pacific Land Company Southern Pacific Building 1 Market Plaza San Francisco, Calif, 94105	Current	209 (Fee)	100%
Redevelopment Plan for Newark-Passaic Waterfront Newark, N.J.	Prepare Alternate Concept Plans for Mixed Use Redevelopment of Under-utilized Waterfront Land	Office of Planning and Grantsmanship 2 Cedar Street Newark, N.J. 07102	Current	25 (Fee)	100%
Redevelopment of Boston Naval Shipyard Boston, Mass.	Planning, Design, Specs & CM for Rehab of Yard to Resident/Comm. Complex	Boston Redevelopment Authority Boston, Mass.	1982	4,750	4,750
Copley Place Development Boston, Mass.	Engineering Design Services Including Highway System & Utilities Engineering	Urban Investment & Development Company Boston, Mass.	Current	300,000	300,000
New York City Convention and Exhibition Center New York, N.Y.	Preparation of EIS Incl. Issues of Traffic, Air, Noise, Energy, Socio-economic and land use	N.Y. Convention and Exhibit Center Development Corp. New York, N.Y.	1979	955 (Fee)	955 (Fee)
Economic Feasibility Study Market Place, Inner Harbor Baltimore, Md.	Commercial Rehab. Economic Feasibility Analysis - Office, Entertainment	Market Place Associates 108 Water Street Baltimore, Md. 21202	1981	16	16
Economic Feasibility Study Harbour City Jersey City, N.J.	Market and Residential Feasibility Analysis	Melvin Simon & Assoc./The Glimcher Co. P.O. Box 7033 Indianapolis, Ind.	1982	30	30

WRT

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work for which firm is responsible
U.S. Navy: South Weymouth, Mass. Glenview, Illinois Willow Grove, Pa.	Master Plan Supplements - Open Space	Department of the Navy Northern Division Naval Facilities Engineering Command Philadelphia, Pa. 19112	5%	185 (Fee)	173 (Fee)
U.S. Navy: Portsmouth, Va. Naval Shipyard	Master Plan Supplements - Open Space	Department of the Navy Atlantic Division Naval Facilities Engineering Command Norfolk, Virginia 23511	5%	177 (Fee)	157 (Fee)
U.S. Navy: Portsmouth, Va. Naval Hospital	Master Plan Supplements - Open Space	Department of the Navy Atlantic Division Naval Facilities Engineering Command Norfolk, Virginia 23511	5%	52 (Fee)	52 (Fee)

9. All work by firms or Joint Venture members currently being performed directly for Federal agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (in Thousands)	
				Entire Project	Work for which firm is responsible
Basalt Waste Isolation Program (BWIP) Hanford Site Richland, Washington	Architectural and engineering services to BWIP to prepare conceptual design of geologic repository for disposal of radioactive waste within the Columbia Plateau. Includes final design of Exploratory Shaft for BWIP project, estimated construction cost over $50 million.	U.S. Department of Energy Washington, D.C.	80	7,500 (fee)	3,000 (fee)
Upgrade Air-Conditioning Systems at Site R Fort Ritchie, Maryland	Final design and review of shop drawings to upgrade existing air-conditioning systems-including new chilled water plant.	U.S. Army Corps of Engineers Baltimore District Baltimore, Maryland	99	3,750	3,750
Long Beach Fuel Pier U.S. Naval Station Long Beach, Calif.	Field investigation, conceptual study and project engineering documentation for fuel pier and pipeline.	Department of the Navy Naval Facilities Engineering Command Western Division San Bruno, California	99	1,183 (fee)	1,183 (fee)

(continued on next page)

9. All work b[illegible] or Joint Venture members currently being performed directly for Fede[illegible] agencies

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (in thousands)	
				Entire Project	Work for which firm is responsible
General Planning, Environmental and Economic Services Tug Fork, W. Va.	Open-end contract for architectural and engineering services. Task Order 1: flood damage survey. Task Order 2: review of flood warning and emergency evaluation plan. Task Order 3: flood preparedness plan. Task Order 4: prepare input to Ohio statewide annual flood damage estimate.	U.S. Army Corps of Engineers Huntington District Huntington, West Virginia	70	125 (fee)	125 (fee)
MX Missile Silo Design Vandenberg Air Force Base, California	Development of conceptual designs of the missile silo, support facilities, and associated mechanical and electrical components.	U.S. Air Force Regional Civil Engineer Norton Air Force Base San Bernardino, California	1	97 (fee)	97 (fee)

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

The Team of Wallace, Roberts and Todd (WRT), Parsons, Brinckerhoff, Quade and Douglas (PBQD), and Hammer, Siler, George Associates (HSGA) has been specifically formed to meet the needs as stated in the Boston Redevelopment Authority's advertisement published on December 3, 1982. Our team has particular areas of expertise which together form a unit capable of providing a full and complementary range of services necessary for preparing a master plan for a multi-use waterfront development. Each team member has a highly qualified full-time professional staff able to begin this assignment with notice to proceed. Our team has an excellent track record in completing projects within the budget and the prescribed schedule.

WRT is proposed as the prime consultant for this project. WRT's responsibilities include overall project administration, master planning, urban design, environmental and cultural impact analysis, and landscape architecture. Since its formation in 1963, WRT has provided professional services in these disciplines for urban waterfront revitalization projects throughout the U.S.

The firm has an excellent reputation for its planning and design services for projects which are planned, designed and built. Representative examples of successful projects at various stages of completion include:

- The Waterside Festival Market, Norfolk, VA
- Camden Waterfront, NJ
- North Shore, Pittsburgh, PA
- Newark-Passaic Waterfront Redevelopment Plan, NJ
- Hudson Riverwalk, NJ
- Redevelopment Plan for Washington, DC
- Miami River Waterfront Plan, FL
- Mission Bay Mixed Use Redevelopment Plan, San Francisco, CA

WRT has worked successfully with public and private clients, including developers, city government, quasi-public agencies, and citizens groups.

WRT has associated with two excellent firms. PBQD has joined our team to provide engineering and impact assessment; HSGA will contribute to the financial and market analysis. Each company has extensive experience in applying their expertise to waterfront redevelopment master planning.

PBQD has been and is actively engaged in marine facilities planning and design, engineering design of major urban mixed-use development projects, and the performance of environmental impact assessments of these projects. The firm is currently performing design services for a number of important New England waterfront projects including:

- Redevelopment of Boston Naval Shipyard, Charlestown

11. The foregoing is a statement of facts.

Date:

10. Use this spa provide any additional information or description of resources supporting your firm's qualifications for the proposed project

° Gloucester, Mass. Head of the Harbor Project

° Portland, Maine Fish Pier Project

° Castle Island Container Terminal Design, Boston

The firm is also currently performing site development engineering for the $460 million Copley Place Project, a multi-use complex being developed on air rights over the Massachusetts Turnpike in Boston. These services include improvements to the street system surrounding the complex, utility relocations, and civil and structural design of the relocated turnpike ramps and service ramps, as well as access roadways to the parking garages and main entrances to the hotels.

Traffic planning and engineering comprise an important component of many of the firm's projects. PBQD has the in-house capabilities to provide a full-range of traffic-related services, from simple intersection analyses to regionwide highway network modeling. The firm's capabilities include roadway capacity analysis; parking studies; trip-generation and modal usage estimates, assignments and impact assessments; and the development of plans for maintenance of traffic during construction. Recent traffic engineering that the firm has performed in support of real estate development includes traffic analyses, field surveys, and parking garage demand profiles for the multi-use Copley Place development in Boston, as well as traffic maintenance plans during construction; trip generation and modal split forecasts and parking demand forecasts for a proposed mixed-use development at Wellington Circle in Medford; and access studies and street improvements for the new Convention Center in New York City.

PBQD recently completed a feasibility analysis for the redevelopment of a 40-acre historic property in Savannah, Georgia, that included alternative plans and forecasts of hotel, retail, residential, and office demand. The firm performed all technical analyses for the New York Convention Center, including air quality and noise modeling, energy analyses, and economic forecasts.

HSGA is a development consulting firm which provides market, financial and pre-development management consultation and direct services to a broad range of public and private clients on a broad range of real estate and economic development projects. Founded in 1954, it serves a world-wide clientele composed of businessmen and public officials.

WRT and HSGA have considerable experience in working together on multi-use market and planning studies in urban areas across the country. Some of these projects are: Elmwood in Detroit; North Shore, Pittsburgh; Georgetown (D.C.) Waterfront; and the Philadelphia Naval Base.

For Simon/Glimcher Associates, a private developer, HSGA currently is preparing market analysis for Harbour City, a new development planned for part of the Jersey City waterfront.

The foregoing is a statement of facts.

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